Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the Matter of	)	
	)	
Modernizing the E-Rate Program for	)	WC Docket No. 13-184
Schools and Libraries	)	

The following names have signed the Alliance for Excellent Education's 99 in 5 Campaign petition and made comments to the following questions:

1. *Tell policymakers why funding for E-rate must be increased.*

2. *Educators, what would you do to improve teaching and learning if you had better high-speed internet access?*

3. *How can E-rate be simplified to make it more accessible and efficient? Share your story and your recommendations.*

janice Meyers
South Carolina, 29466
janice@jhmedu.com

As an e-rate consultant I have seen the value of high spreed Internet in many schools

Matt Ernst
Ohio, 45247
mernstmadison@yahoo.com

With the demand for online assessments, teaching 21st century skills to our students, This is one more tool we need upgraded for all schools

Kathryn Bauman-Hill
North Carolina, 27518
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Although we have laptops and ipads for children to use in our school, because our internet speed is slow, I cannot have my whole class work on research or use the internet at the same time. We must work in small groups which makes it more difficult for all children to become fluent in digital literacy. With faster internet access, all students would be able to learn how to fluently navigate the web, particularly those whose only internet access is at school.

Holly Walsh
Rhode Island, 2903
Holly.Walsh@ride.ri.gov

Keep calm and connect all schools!

Sharon Chasse
Maine, 4743
sharonchasse@sad27.org

Our school has high speed internet access; however, there have been a few occasions in which we have been unable to access it. During times like that, you begin to realize how important it is to be connected to the world - especially when you live in a rural community. The thought of students and teachers being denied that privilege is totally unacceptable in this day and age. If we want to grow as a nation it is truly imperative that we connect to the rest of the world via the internet!

Jackie Guthrie
Kentucky, 40214
Guthriej@bellsouth.net

I am a school librarian. Too often our network is so overloaded that students can not do successful research and our web based library check out system fails.

Dennis Bagley
Indiana, 46936
dennis.bagley@eastern.k12.in.us

I have seen our staff and students transform the classroom as a result of our ability to secure broadband access during the school day. We have staff that are 'flipping' their classrooms, transitioning to inquiry based and project based instruction in order to impact a larger spectrum of students. Our kids are excited to use the technology as a tool to learn and I could only wish that all students had the ability to connect in their schools and in their homes.

Lori Ryan
Virginia, 24368
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We use it daily to add to our lessons.

Shalimar Markovicz
Ohio, 44140
Shalimamarkovicz@gmail.com

My son was a first grader last year and he has IEP for dyslexia which made daily communication with his teacher vital. Because the school has no reliable wifi she invariably would either not receive emails from me or was unable to check emails because the schools systems were down. This lag time between communications had a negative impact on my son's experience in the class room. Also, my son was unable to access an online reading program from his classroom. We had to do it at home.

Luann Smith
Virginia, 23462
mslouie3@yahoo.com

We have wireless in our school but not enough routers so it is sketchy at best. Also our internet us so slow that when you have a classroom full of students plus all the other school usage it takes so long for things to download that what was a 40 minute lesson becomes 90 minutes.

Janice Miller
North Carolina, 27820
jjsnmiller@gmail.com

Can not get high-speed Internet live in very rural area. I can not participate in the webinars during the summer or on weekends because I keep getting logged off wat time is so long that I can't do professional the teacher I try to stay up with my students and it's hard to do that

Karisa Tashjian
Rhode Island, 2893
ktashjian@yahoo.com

I work to bridge the digital divide with adult immigrants - we also need better access to broadband.

Tammy Bullock
Virginia, 20175
Tammy.Bullock@lcps.org

Business and Information Technology Teacher, and we have had computers issues at our school!

Tischann Nye
Tennessee, 37076
tischann.nye@mnps.org

I work with teachers in my district to build blended courses. One of my AP BIology teachers made his classroom paperless. Because many of his students lacked access at home, he worked with the local libraries, and had students find a high speed internet buddy so that they could all access materials when not at school. Many of these students were ELL and faced additional challenges due to socio-economic status. His principal shared with me that he had the highest scores in the school.

Bridget Fox
Pennsylvania, 18902
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I am a school librarian in a district that is fortunate enough to have reliable access to broadband connectivity. One of my objectives is to teach students how to best find information on the Internet and become critical users of that information. Fast, reliable access to the Internet opens the world to the students. It's like the difference between feeding someone a radish or giving them a plate to a buffet.

Kim Phillips
North Carolina, 28657
kimphillips@averyschools.net

High-speed internet is not available to many areas of my county.

Sonya Terry
North Carolina, 27302
Cityofmedicineacademy@gmail.com

Our students are currently a 1:1 school. Durham Public Schools has worked really hard to ensure we have high speed Internet access. It has redefined teaching and learning.

Ed Kowieski
Wisconsin, 53719
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I work with school districts throughout the upper MW - providing access to a web-base program for schools to use with special needs students. On a regular basis, I find that the bandwidth needed to sustain a connection is insufficient in nearly a quarter of the districts I have visited. We need a solution that equalizes access to all schools across the U.S.

Jack Fretwell
Virginia, 20190
jack@capjax.com

Access to CapJaxMathFax has helped thousands of students become fluent with basic math facts and more successful at addressing higher concepts.

Regina Stewart
West Virginia, 26201
rdstewar@access.k12.wv.us

I am a Technology Integration Specialist at a large middle school. Too frequently, I spend my time working on our sketchy wireless and intermittent internet. Such a waste of my time. If everything worked, I could use my time to help teachers and students integrate technology, as I should be doing. ,

Pam Johnson
Washington, D.C., 20003
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Worked with Western North Carolina teachers to create filters within their school networks to allow for use of Library of Congress content which was not politically correct in today's environment, but is a part of our history and thus important for children to learn.

Laura Miller
Indiana, 46064
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The access to digital learning tools is critical in a digital world. We MUST prepare our children to live and thrive in the information world. School funding is always very snug. Access to broadband is a huge expenditure which can be overwhelming - or impossible. Please help our children!

Dianna Davis-Smith
Maryland, 20906
diannads1@yahoo.com

I use technology in my classroom on a regular basis. I assign projects and homework on glogster.edu.com and edmodo.com, however when my students don't have access to the internet it is very inconvenient. In addition to this, they have a website they are required to work from for their math teacher every week and some of them are not able to do that unless they stay after school on a day when I am able to stay with them. I have given many parents' the information for

George Sorrells
Wisconsin, 54986
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We have been able to quadruple our internet speeds in the past 4 years. However, now we are capped out due to financial issues. In those four years we now have teachers implementing lessons from Khan Academy, Google Applications on a daily basis. The students are now able to easily collaborate on projects and are creating videos, websites, and other similar projects where before they were limited to typing a paper, or doing a power point presentation.

Mary Jane Williams
West Virginia, 0
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As a Spanish teacher, broadband has made it possible to Skype with students in Costa Rica on a regular basis, bringing the Spanish culture and communication directly into the classroom, making language come alive for my students!

Nichelle Stone
Florida, 32244
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I work at the district level, but see at a higher level how technology positively impacts student learning and outcomes. More access across the country would definitely help to improve student's ability to compete in the global economy.

Reed Kalagher
Texas, 78634
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Every student should have access to information...

Benjamin Hommerding
Wisconsin, 54301
hummer645@gmail.com

My classroom has become a hub of innovation due to high speed access to the Internet. When it goes down things slow down in my class and I can't imagine never having the option to connect in Education. Let's get everyone connected!

Bryon Kolbeck
Wisconsin, 54401
bkolbeck@wausauschools.org

We have seen a trend of needing higher broadband levels each year. Thus, if we forecast out five years the definition of broadband today will have to change. I would like to see the definition be targeted to the amount of bandwidth needed per user, very similar to the values identified by SETDA. Bandwidth is the field of dreams, build it and they come.,,Bryon

Jennifer Barnett
Alabama, 35044
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Because they are able to leverage the resources, people, ideas, and research using the internet, our students are able to fully connect to their learning in our project based learning environment. Without high-speed internet students would be handicapped learners. In today's fast-paced learning culture, such a deficit is a unconscionable travesty.

Jeri Powers
Kansas, 66226
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As I have become more involved in bringing technology integration to my students I see how beneficial it is to them. Their writing is stronger because they are more engaged and invested in their work. Technology allows them to design, create, and share their work with a broader audience. They are also learning soft skills such as patience, learning through failure, and teamwork. Without high speed connectivity they would become too frustrated and learning opportunities would decrease.

Jodi Heine
Wisconsin, 53132
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In speech therapy I try to use technology to help my students also reach the technology standards. Many times I have prepared a lesson at an on-line website only to have the connection either be too slow or not work at all. For the students it's very disappointing. For me it's frustrating because I have to come up with a new lesson on the fly that will address the student's IEP goals.

Susan Cochran
Maryland, 21771
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I am unable to get high speed internet in my home at the affordable rates many citizens enjoy. Neither Comcast of Verizon will help me or neighbors because we are a set of 8 houses. We've been told we'd have to pay for them to bring the wires to our homes. So . . . we pay through the roof for Internet access.

Patricia Wells
West Virginia, 26508
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It's imperative that students and teachers have access to high speed internet to maximize learning experiences.

Carla Biondillo
Texas, 75240
Cmilli17@yahoo.com

I live in rural Texas, I have been told by Verizon that I will NEVER have high speed Internet !! My student in class takes sometimes 30 minutes to connect to the wireless Internet at school. Our Hispanic population have no access to Internet!

Rhonda Moses
North Carolina, 27845
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District tech director with no high speed access available at home.

Diane Cauchy
Michigan, 48618
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I live in a rural area in Michigan, and cannot get high speed internet without a very large cost. My students, almost 60% of whom live in poverty, cannot get high speed internet either, nor can they afford the premium cost such as satellite internet. I would be using more of a flipped classroom model to reach and engage my students, but the majority of them could not complete the work outside of class.

lora zangari
Pennsylvania, 17603
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With all of the subsidies to providers and fees tacked onto our bills, we should have access for all by now!!! The promise of the great equalizer has put the rest of the world ahead of us.

Bob Henderson
Minnesota, 56554
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We were trying to support over 700 students on 1 40 MB connection. Not going to happen! We need bandwidth, and we need it yesterday

Gabriella Shaffer
Ohio, 43082
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It's vital for the future of America to level the learning field for ALL different learning in All reaches of our great nation!

Karen Cusolito
California, 90039
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Despite spending a lot of money on upgrades, connectivity is spotty at my 100-year-old high school. It was described to me as increasing the number of freeway lanes without increasing the number of on ramps.

Tina Weiss
Wisconsin, 53144
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I feel that I am entrusted with teaching my middle school students 21st century skills that will help them be successful in high school, post high school education and in their careers. We utilize many technologies and have greatly reduced paper costs by submitting all assignments and taking assessments online. But how can that go forward if we cannot connect to the internet or the connection is so slow that the student is distracted from the activity they should be engaged in?

Debra Patsel
New Jersey, 74601105
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My students have increased their test scores because they are able to access the web-sites we subscribe to and the sites that help them learn to read and do math.,

Sharron Guzman
Texas, 78574
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Our school district has been fortunate to receive e-rate funding through the years. These monies have been able to provide Internet access and infrastructure for technology growth and development. I would like to see 100% in 5 years, so all students have the same benefits for their digital learning.

Cindy Bailey
Wisconsin, 54974
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At our school, we didn't have water for 10 minutes before someone noticed and contacted the office. Our Internet went down and within 30 seconds the whole school knew! I can't tell you how important it is for our schools to be connected; it is vital for our students education.

Mary Foy
Alabama, 35209
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We use our internet access to the Alabama Virtual Library daily. Our students use online encyclopedias and databases for projects.

Jennifer Malone
Tennessee, 37772
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Better connectivity has allowed teachers and students to connect globally, work on real life problem solving, take virtual field trips, connect with other students and educators, and support multiple mobile devices working simultaneously.

Anita Gildea
New Hampshire, 3032
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I publish professional development resources for teachers. Some of the best modeling comes from video models - students and teachers. It seems crazy to have kids - and teachers - power down as they attend school, and then criticize educators for not using the engagement and connectivity digital resources have to offer in our own public schools. it's like asking someone to learn how to cook and not allowing them to use the oven.

Sherry Meagher
New Mexico, 87123
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Our schools have excellent broadband connections. It would be frustrating to have poor access. I can see how this could be helpful for other schools in rural America.

Gwynneth Carla
New Mexico, 87301
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My classroom has a hybrid type of instruction where students are engaged in face-to-face and online instructions. I have been doing this since for about 5 years now because as a teacher, I deem it important to cultivate the 21st century skills of our students even in a classroom with limited resources. It is frustrating when Internet speed becomes issues for students in completing their online assignments and projects. So I support this campaign especially for Reservation schools.

Mary Thompson
Tennessee, 37879
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We are fortunate to have high speed internet in our schools and students are able to do research, work on academic software and other Internet activities without having the frustration of slow wait times and getting kicked out of the Internet.

Michelle Poirier
California, 91762
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High speed Internet has great benefited our students. It is absolutely necessary to prepare for the California Common Core State Standards.

John Murillo
California, 91310
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In November 2010, the Secretary of Education Arne Duncan wrote a letter to Congress about instituting technologies in schools across the nation. The letter illuminates the main missions concerning visions and goals of the United States Department of Education regarding the use of technology. In fact, Duncan cites the plan as instrumental in the administrationsâ€™ National Education Technology Plan, Transforming American Education: Learning Powered by Technology. More importantly, Duncan posits th

Laura Carlier
Ohio, 45103
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Our wireless network at school is unreliable. Teachers cannot plan to use laptops or tablets with confidence because we do not have the capabilities to support the wifi that will support our usage needs. Therefore, unless classes our taken to the computer lab so students can use a desktop that is hard wired to the network, teachers must have a secondary plan in place for the times that the wifi is not working. Obviously, this is not an efficient way to incorporate technology in the classroom.

Gigi Talcott
Washington, 98465
gigi@talcott.org

As a classroom teacher since 1966 I've always been frustrated that even working 70-80 hours weeks I couldn't meet the needs of thirty individual students. Now, with internet and high quality, interactive digital learning, I've seen it's possible. Students are presented instruction at their reading level and can pace the instruction to their abilities. It's awesome. Let's do it for 99 in 5 years.

Steve Thornton
California, 92557
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Higher bandwidth in our schools has made all the difference with our children - allowing them access to content rich, engaging and cost-effective (often free!) resources on the Internet. This is the new digital divide - adequate access to Internet resources for all schools.

Kathy Heitkamp
Illinois, 60137
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We are implementing a 1:1 iPad pilot this fall with 25 students. We plan to expand the program over the next years. Our laptop carts do not provide ubiquitous access to the Internet that is so helpful in today's educational environment.

Glen Billington
California, 93286
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While we have installed gigabit ethernet and what we believed to be ample wireless access points, the network infrastructure can not handle the number of BYOD and school devices that hit the network on a daily basis. This frustrates students, teachers and administration who all need access to ensure learning takes place and the school runs efficiently.

M. Monte Tatom
Tennessee, 38340
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As an associate professor & Director of iLearn, I conduct workshops throughout West TN and come across several rural schools that are still having problems with being supplied with high-speed internet access.

john carter
North Carolina, 28546
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having technology in each classroom only enhances teachers abilities to improve the quality of the lesson and make it more interactive.

Connie Louie
Massachusetts, 2465
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Before I retired, I sponsored professional development for teams of teachers in school districts to learn how to use open online resources to teach new literacy. All participating teachers loved the training and planned their lesson plans based on what they learned. Unfortunately in the follow-up sessions they told us they were frustrated because they could not use what they learned. The connections in the schools would not allow them to do so. Their broadband access is not sufficient

Erik Kramer
Maine, 4107
ekramer@capeelizabethschools.org

Our Maine School and Library Network is a great example of how a uniform shared network can benefit all participants greatly. The support through the university system has been very good and the service has been keeping up with our own growth in 1:1 deployment of devices. More information available at msln.net.

James Meenan
New York, 10530
jmeenan@schools.nyc.gov

As a secondary school technology teacher, broadband is critical for my students in order to reach cloud based curriculum and resources

Agnes Pagan
Florida, 33196
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I'm the librarian. Kids have to do research and work on skills programs.

Teresa Cleary
New Hampshire, 3878
Tcleary@sau56.org

In a classroom with 22+ students and 2-3 computers, it is CRITICAL to have high-speed access so children can find the info they need and then allow the next child to do the same.

Paul Shoup
Michigan, 49405
pshou@mceschools.com

I live and work in a educational setting of rural Michigan. Our internet service to many of my students is not available without satellite internet. This option for many is cost prohibitive. I support creating access to all my students.

Paula Cunningham
New York, 11435
PCunningham@schools.nyc.gov

I enounter chalenges on a daily basis. I purchased $17,000 worth of software for my 1, 200+ students only to have limit usage of the tool due to the poor internet connectivity. If you will obtain money for an increase in Broadband width, please add my school to the list.

Kate Radford
Idaho, 83702
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Broadband in our library helps patrons apply for jobs, stay in contact with their family, and provides access to databases and more for students in school.

Andree Miller
California, 913675420
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As an E-Rate consultant I see first hand how the most needy schools don't always have the resources for procuring High Speed Internet. E-Rate helps but it would be a step in the right direction if High Speed Internet was readily availalbe,

Christy Vaughan
Florida, 33440
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I teach online. High speed Internet access is critical to develop 21rst Century skills.

Laura Gallagher
Oregon, 97221
lgallagher@inspiration.com

I support US schools & districts with our software tools. Webspiration Classroom is our web based visual learning tool. „I use web based tools all day in my job. I can't get any work done during the few times that the internet has been down at work. I can imagine what it must be like for students and teachers in the same situation, when they depend on the vast resources the internet offers.

Greg Limperis
New Hampshire, 3842
glimperis@sau90.org

WIth better broadband access my teachers and students will be better able to go to a one to one policy that can handle he uploading and downloading of great digital content such as video, audio and annimated projects which often consume major bandwith especially when many studnets at once are attempting to access products which might exist in cyberspace or the cloud.

Lori Wells
Oregon, 97002
lori.wells@nmarion.k12.or.us

I work for a school district and many of our students cannot afford high speed internet access at home. This impedes their success at school because they can't compete with their peers. They don't have the same opportunities to explore and submit quality work. We need this for our students to be successful and prepared for the 21st Century.

Adam Hall
South Carolina, 29108
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Classic--forgotten rural America. Billions of dollars wasted just to be told that slow satellite or exorbitant cell/mobile network are the only possibilities. In the country that invented the internet, it can't be accessed easily by its future leaders (students).

Ted Jahn
Florida, 32065
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I teach in an engineering academy within our high school. My courses depend upon Learning Management Systems for everything from content delivery to assessment. High speed Internet is the key to my students earning industry level certification in many STEM skills. The skills that these certifications represent my students to successfully compete in the workplace and in higher education pursuits.

Edna Loncke
New York, 11413
eloncke@schools.nyc.gov

My school is part of a campus housing three schools. During peak usage my internet speed is reduced to a snail's pace. Often my students have no access. We have smart boards in every classroom but sometimes lack of internet access hinders teaches from maximazing their use to benefit the students..

Frank Pugh
California, 95405
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For gosh sakes, all students should have access to high speed internet.

Vickie Hamby
Florida, 32225
vickie@cmusolutions.com

With the current state assessments being administered on computers, our student have encountered many delays due to network connections. Right now testing takes WEEKS because if too many kids are accessing the network pipe at the same time, the site times out. We need a stable platform for the future as there will only be more testing and instruction that will take place digitally.

Suzette Lee
South Carolina, 29801
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Many students in our most rural areas have to access the internet in the local library or commercial hot spots in order to take online courses. Having access in their schools and at home would make online learning and the connection to the internet's resources' more accessible to our neediest students. Every student in SC needs equal access!

Mary Felton
North Carolina, 27909
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High Speed Internet provides access to educational resources that offer immediate feedback and reduces frustration. Immediate feedback is vital to ,Improving student achievement.,

Karl Schaefer
North Carolina, 27707
schaefer.karl@gmail.com

I am a Digital Learning Coordinator at a Private School. I only have had high-speed DSL at my rural farm since 2012. I work with a 100MB connection and go home to up until a year ago was dial-up but now is 3MB connection. What if we provided electricity like this today?

Norka Ratnavale
Maryland, 20854
norka.ratnavale@gmail.com

All high stakes educational assessments are moving online like the rest of every aspect of our lives. All students must have access to the internet in order to achieve at high academic levels.

Nita Rudy
Mississippi, 39047
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Norka Padilla
Maryland, 20852
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Limited English Proficiency (LEP) scores rose 13 points in reading in just one year of hybrid learning! Internet access is essential.

Kathy Kaldenberg
Iowa, 52333
kkaldenberg@solon.k12.ia.us

As our connection speed has increased, so has teacher use of technology. The easier/faster the connection the more the technology will be used, plain and simple.

Katherine Anderson
California, 95957
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We are a rural 2-site K-8 school district. Our students are low SES and many are English learners. The internet gives them access to the big world out there in a much more meaningful way than just reading in books.

Rosalyn Fleischer
California, 91706
rfleischer@emsofl.com

Better broadband access is essential for our students to succeed on the new Smarter Balanced Assessments coming in 2015.

Darla Hutchins
Texas, 79035
djhutchins@frionaisd.com

I am the IT director for a small district in rural Texas. We have a LOT of students with no Internet access at home at all, much less high-speed access. It is highly limiting our ability to move forward with modern teaching tools and philosophies. Please help our students across the country have equal access so all students can learn together!

Jeannine Ugalde
California, 92128
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Our school is fortunate to have 20 Google Chrome books and 40 iPads (for 1400 students). Utilizing these in our classroom means that students can act immediately on the research that they needs AND I'm right there to assist them. Several of my students do not have internet access at home. They rely on school use. Sometimes, however, our school internet does not work at which point instruction comes to a halt. We are expected to (and want to) utilize technology and don't always have it accessibl

Mark Fledderjohn
Arizona, 85375
fledderjohn70@gmail.com

I was surprised to find how many of the K-8 students in my technology classes do not have an active internet link at home. Usually they tell me that it's the monthly fees, but they do have a computer.

Carolyn Kuzniewski
Florida, 34655
Ckuzniew@pasco.k12.fl.us

My son lives in rural upstate NY. There is no cable TV. The only Internet is dial-up or limited wifi over the satellite network, which is only as good as the weather. Even the cell phones barely connect. It would be impossible to do research or watch a video.

Dr. Wendy Halar
West Virginia, 26351
w_halar@yahoo.com

I tried to use my Internet and if there was a cloud in the sky it wouldn't work! So frustrating!!

Erik Wilson
Texas, 75237
Erw150@yahoo.com

My story is one of not having. Please support this iniative inorder for others like me may have a story to tell.

Desiree Samson
Arizona, 85338
Desiree.Samson@Edgenuity.com

From floppy disks to keychain jump drives, and those little Macintosh computers to tablets, technology has come a long way, and is continuing to change, especially in education. Change is not easy, and it takes thought leadership, partnership, and a call to action to make this change a reality. Better broadband access will give students the opportunity to do innumerable things - students who are â€œdigital natives,â€ and will use technology to shape the world around them.

Alyssa Besonen
Minnesota, 56256
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We are struggling in our rural area to maintain consistent internet service. We rely on cable companies to provide us with service and sometimes they are struggling with downed wires, etc.

Alla Umanskaya
New York, 11226
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Instruction, content delivery, research, presentation of new knowledge acquired by students can't be accomplished without high-speed internet

Brandon Stiewig
Texas, 78415
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21st Century Learner!! Let's let the chalk go away!!

Carrie Evans
Ohio, 44281
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I work in an urban district where online testing is a challenge due to our infrastructure. We are working to improve these issues, but funding and manpower has made this difficult. Currently, we can only test about 10-15 students at a given time without having bandwidth issues freeze up our tests or boot students off of the system. We are hoping that we can resolve many of these issues before parcc is fully implemented. Teachers are concerned about student achievement and their own evaluations.

Scott Arrington
South Carolina, 29672
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As an online instructor, the ability to connect is paramount! Students and parents need access to stay up with learning in the classrooms of South Carolina. We can not afford, not to get these students connected. It is their 'bridge to the future!'

Kelly Minks
Indiana, 46947
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Student engagement is met with digital technology! It takes education to the students' world that's filled with technology in all other aspects of our students' lives.

Tanisha Davey
Massachusetts, 2188
tdavey@boston.k12.ma.us

It's frustrating trying to incorporate technology in the classroom via online resources when the Internet connection is less than reliable.

Debbie Seal
Michigan, 48875
lllearner@gmail.com

Our wireless constantly quits midstream during the day when many users get on.

Sheryl Madden
Missouri, 64856
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Testing can be a nightmare if you get kicked off the system.

sabiha khan
Maryland, 20706
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high-speed internet is necessary for all students at all schools.

Julia Desalernos
California, 90240
jdesalernos@dusd.net

I found out that this next I won't be allowed to operate 8 new Chrome top computers in my school library due to the affordability of the Internet system in my school.

Luz Bouche
Texas, 79936
lbouche@sisd.net

I teach high school students Digital and Interactive Media. I am also a life long learner currently working on Principal Certification online.

Marianne Sibal
Maryland, 20906
Marianne_ThomasSibal@mcpsmd.org

My children grew up with access on the computer since 1990. We lived in rural PA, MI and moved to Metro DC in 2000 when they were in MS and HS. So many of the students they attended classes still did not have a computer in their homes or did not internet access. My children were light years ahead of their classmates even though we live in one of the premier school districts in the country - Montgomery County Public Schools. I attribute much of their success to their internet window on the world.

Nancy Finn
Illinois, 60655
finner62000@yahoo.com

How can one adequately prepare our students for tomorrow without the Internet and technology?

Linda Truelson
Florida, 34698
truelsonl@pcsb.org

I facilitate an online credit recovery class and we have problems when online standardized testing is taking place in the district.

Gail Mercurio
North Carolina, 28079
Gail.mercurio@cms.k12.nc.us

We have many mobile classrooms in our school. These classes are not currently able to get Internet yet our district is capable of supplying it . Teachers are asked to teach 21st century skills and have students use these skills ,but can't do this.

Sally Gray
Mississippi, 38804
sgray@parents4publicschools.org

My sister lives in rural MS where high speed Internet is virtually unheard of (or very expensive). She has dial up service--UGH. She tells me she NEVER even tries to open an attachment or look at a picture or a video because it can take HOURS. Many students in our area lack Internet access at home. This is unforgivable in this day and age--it constitutes a violation of their right to a free, appropriate, and quality education. We must do better as a nation to provide these services for everyone.

Enid Rentas
Florida, 32827
enid_milagros@yahoo.com

I work in a virtual school and some students do not have Internet access and they need it to be successful In their courses. If Internet is provided in the schools students will be able to do their work.

Nancy Crowder
Pennsylvania, 15236
nancycrowder@live.com

As a parent volunteer we always wanted to display things to the parents on event evenings but could not do so because there was not a wifi connection. All school buildings should have an accessible wifi connection to everyone at all times.....Nancy

Tim Farquer
Illinois, 61428
tim.farquer@billtown.org

Williamsfield CUSD #210 recently upgraded our internal data network to meet SETDA recommendations for as far as the eye can see. All we need is a fiber hookup & affordable subscription to give the kids in our remote community access to distance learning opportunities like never before. As supt/principal with 3 kids in the district, that day could not get bed soon enough.

David Massaro
California, 92373
david_massaro@redlands.k12.ca.us

eRate priority 1 funds have enabled the district to upgrade our wide area network from slow fractional T1 service to high speed broadband point to point fiber. With the upgrade to a high speed fiber optic based wide area network the district has built a highly reliable multiservice network. This fiber optic based wide area network has enabled the district to provide high quality voice over IP services, high bandwidth video distribution services, and Internet based applications to all classrooms.

Brooke Mulartrick
Pennsylvania, 19426
bmulartrick@gmail.com

All students deserve the right to have access to the Internet!

Jacqueline Atkins
Pennsylvania, 17356
atkinsj@rlasd.net

My remedial reading students try to use the internet at school since they lack access at home. Unfortunately our access is sporadic and can't be depended on. We spend a lot of time waiting for sites to load, missing out on valuable instructional time.

Lynette Thorvig
Minnesota, 55037
lthorvig@hf.k12.mn.us

Our school is supplying i-pads to all students grades 5-12 next year, so many of our assignments will be digital. It would be helpful if all students had internet access at home.

Debra Ludwig
Minnesota, 55072
dludwig@hf.k12.mn.us

All too often I would have my First Graders all ready for a lesson and then I could not get an internet connection. Good thing I was an experienced teacher and could fall back on other forms of teaching the lesson. But it sure would be great if internet connection was dependable.

Mary Roepcke
Maryland, 21044
mroepcke5@gmail.com

I work in a school with great access and would love all students to have this same opportunity.

Julie Yearego
West Virginia, 26301
jyearego@access.k12.wv.us

Slow internet connections frustrate students in completing assignments and they tune out due to their frustration. Thank you for your support.

Ellen La Voie
Florida, 33411
Thewaye@att.net

Our school has wireless access and our students use their smartphones daily to access an exponentially expanding array of apps for research and response. Computer software costs far more than apps. Investing in the infrastructure to utilize apps will be more cost-effective in the long run.

Cynthia Tupes
West Virginia, 25253
ltupes@access.k12.wv.us

It is important for students to have appropriately operating internet access in their homes to reinforce the learning in the schools. Access is not enough! Access has to include adequate speed and functionality to allow the download and use of software in an efficient manner. It is almost impossible to watch a tutorial or video clip if it is constantly buffering.

Valerie Petersen
Florida, 33155
Vspetersen@dadeschools.net

Many of my Have Nots, are embarrased to share why they didn't do the online work assigned and basically would rather be seen by their peers as not caring. Unfortunately it is the educational system, that truly is uncaring.

Maria Rodriguez
Florida, 33186
maerodriguez@dadeschools.net

Using high speed internet in the classroom will assist my students in understanding ideas, concepts, history and cultures around the world. Knowledge is powerful.

marsheila ksor
South Carolina, 29302
mksor@ed.sc.gov

ATT is unreliable in my rural location

Jennifer Pham
Arizona, 85756
jenni90@email.arizona.edu

I worked with the students at Pueblo High School in Tucson, AZ, and found that lack of high speed internet (and computers) limited learning time vs. waiting time.

Adrin Fisher
West Virginia, 26554
afisher@access.k12.wv.us

As a teacher, I use the internet frequently--to prepare lessons, to teach, and to record grades and communicate with parents. When the internet is down for the day at school, my whole rhythm is off--and worse, my students suffer because I am not able to let them interact with the larger world. As teachers are required to do increasingly more work with less time and fewer resources, the least policy-makers can do is make sure that teachers have the infrastructure they need.

agata amaral
New York, 10021
aamaral@girlsprep.org

When students have access to computers and internet they are able to study and practice at their own pace which creates higher engagement and performance.

Renee Moore
Mississippi, 38732
rmoore@msdelta.edu

I work with high school and community college students who often have no access to broadband (or Internet at all) outside of school. In rural communities, many of which also do not have or have lost their public libraries, schools are the community hub. Students and their families would benefit greatly from this resource being made available in their local schools.

sandra ramirez
California, 93705
sandalso9@yahoo.com

Access to internet is vital in my class. Last semester my internet connection was very poor and as a result I was not able to access many resources which did effect the quality of my lessons. Students have a much richer and fully rounded education if there is regular and fast internet access.

Sally FitzGerald
Georgia, 30350
sallyfitz@bellsouth.net

Common Core testing is going to require broader broadband access. Our rural areas simply don't have it.

Sarah McKibben
Washington, D.C., 20016
sarahmckibben@gmail.com

I dedicated my life to understanding how to reduce poverty through education directly as a result of siting on a porch in Eastern Kentucky listening to a father and son talk about how they needed my help (and Internet) to get information about how to advocate for better health services. High-speed internet literally saves lives, and every student deserves it.

Roxann Winter
Minnesota, 55735
Upnorth4@frontiernet.net

Often while teaching or working with students online, our server and or internet has been super slow thus causing student assignments to be late... As a special education writing teacher, it is crucial that the computers are not slow or unfunctioning.

Cindy Garant
Massachusetts, 2721
soopama11@comcast.net

Having access to high-speed internet is essential when students have research to do for senior project, CCA's and other long essays that have time limits. Students are able to get these things done completely and in a timely manner when internet connections are accessible & speedy!

Pamela Truesdell
Ohio, 45204
yearbookqueen@aol.com

Our school system has purchased Blackboard. However, many of my students can't access it at home. This problem greatly limits the effectiveness of this tool.

Anthony St. Jean
New Jersey, 8886
edtechsuccess@gmail.com

Access to high speed Internet has helped my students access quality streaming video resources that helped them to better understand concepts that were taught in class. It also allowed them to communicate with others internationally via video conference.

Honor Moorman
New York, 11101
honor.moorman@gmail.com

I use high-speed Internet to engage students in global collaboration projects that bring students together from different countries to work on a joint project. This kind of learning experience is a key way to help students develop the digital citizenship and global competence they need to be successful in an increasingly interconnected world.

Jill Thompson
North Carolina, 29707
jilll.thompson@cms.k12.nc.us

Having broadband connectivity in schools critical for allowing students to be 21st century learners and college and career ready. Having connectivity allows students to have a digital portfolio showing mastery of concepts and allows the student to see growth. It also allows students to see that their devices can be used as a learning tool.

Ryan Fuller
Delaware, 19904
ryful@yahoo.com

Equity - Information should not be for some and is a basic necessity.

Elizabeth Espinoza
California, 94049
eespinoza@kentfieldschools.org

It is crucial to support 21st century skills for all students to learn and collaborate.

Diane Breault
New Hampshire, 3106
Dbreault@manad.org

Pittsburg NH no cell phone coverage with many areas without high speed Internet.

Jenel Travis
Alabama, 36207
Jtravis@ccboe.us

We are currently implementing Bring Your Own Device in our schools and need adequate broadband to accommodate our goals.

AMPARO WENG
Texas, 75024
wenga@cfbisd.edu

Online assignments give students instant feedback instead of waiting for the teacher to finish grading.,Students can create digital stories and show others what they can do with what they have learned. ,Flipped classroom in foreign language classes is a must so that class time is better used.

Kerry Fannin
Kentucky, 40065
Kerry.Fannin@shelby.kyschols.us

We are planning on going to a one to one student to computer ratio in the near future. We will need an improved infrastructure if we are to succeed in leveling the playing field for all learners in our community.

Brenda Nash-Mason
West Virginia, 25705
bmason@advanc-ed.org

I frequently visit schools across the country and there are still rural areas without reliable Internet access.

Denise Wright
South Carolina, 29579
dwright@sc.ed.gov

I teach at a virtual school program that focuses on increasing the graduation rate in South Carolina. My students and I live and breathe on the internet. My student's success is based upon having a great internet connection.

Lee Staggs
Tennessee, 38485
leeann.staggs@waynetn.net

I live in a rural, poor school district. We have an average of over 70% free and reduced lunch students. We need help in getting the internet speed to where it needs to be for state-mandated tests.

Elena Ortega
Texas, 79936
eortega@yisd.net

It is imperative that schools have high speed internet access to facilitate use of Web 2.0 tools.

Kathy Stewart
Michigan, 48867
kstewart@giresd.net

Living in a rural area, our home had dial up internet access for years. There was no way to upload pdf file or participate in online courses. Downloading content was nearly impossible. My family had the means to switch to broadband. Unfortunately children of poverty do not have this same access are at an advantage.

Dan Hescock
Vermont, 5671
dan.hescock@state.vt.us

Currently working in the correctional facilities and parole offices in VT; which have very limited (parole offices) or no access (correctional facilities) to the Internet at all.

Camille Cervantes
California, 93545
ccervantes@lpusd.k12.ca.us

High speed internt connectiosn allows our small rural community to connect our students to a larger, more diverse learning environment. It also increases their ability to access higher education.

Gail Pletnick
Arizona, 85308
ejpgkp@gmail.com

In a district with over 25,000 students and limited capital resources, we implemented a BYOD model to help fill the digital tools gap. However, that created another problem and that was access. We have utilized e-rate funds to help improve that access, but did not have enough funds to address all 24 schools. The access allows us not only to support devices in school and during the school day, but provide a perimeter around our buildings for 24/7 access for students without home access.

Jane Lofton
California, 90266
jlofton@mbusd.org

We are very fortunate at my school to now have wifi available throughout the school. I see students and teachers able to accomplish more work because they are able to connect more easily to websites, databases, email, and social media networks. This should be available at all schools.

Gayle Morrow
Pennsylvania, 19146
atiba1997@hotmail.com

I was a public librarian in Northern California for 2 years and so many of the children came to the library to do research because they had no high-speed Internet at home and/or at school. Imagine, no HS Internet homes/schools a few miles from Silicon Valley? When we want to brag the superiority of the U.S. isn't the very rich & successful Silicon Valley one of our proud to be American points? Yet, we fail to point out that American public schools lack broadband?

Michelle Burke
Arizona, 86403
mburke@havasu.k12.az.us

We do WONDERFUL things in our classrooms with high speed broadband - such as research online, BYOD, Facebook, Socrative, TodaysMeet, Cel.ly, Twitter, Blogs, YouTube and much much more!

Quinton Roman Nose
Oklahoma, 73772
qromannose@yahoo.com

Many Native American students do not have access to HiSpeed Internet which puts them behind in being able to acquire confidence in using the web for their educational benefit.

Denise Stutzman
California, 91942
denise.stutzman@sdcounty.ca.gov

I work in a public library and occassionaly get comments from young users at how much better our connection is compared to their school's. When I visit schools to show them how to use the free homework databases, it often is a slow process waiting for pages to download.

Holly Pierce
North Carolina, 27886
hpierce@ecps.us

Internet access allows teachers to address various learning styles.

Sidney Pierce
Missouri, 65686
Tourdog@ymail.com

I'm a 6th Grade social studies teacher in a classroom that has only one computer with Internet access. Class sizes are 25 plus.

Kelly Sorensen
Alaska, 99801
kelly.sorensen@alaska.gov

In my teacher preparation course visited a village on the North Slope. I was helping a first grade student with her reading lesson on a frigid, white, dark morning in March. The reading material was about the seasons, and since it was March the passage was about apple blossoms. She didn't do very well on the comprehension. The first question was 'what was the flower that grew on the tree?'. She asked me, 'what does a tree look like?'. We must give everyone a lens to the world.

Renata Sancken
Indiana, 47150
rsancken@nafclibrary.org

I grew up in a rural area and doing my high school homework by unreliable dialup in the early 2000s was VERY frustrating. My parents still live in an area with no broadband connectivity, and I can't imagine how much more frustrating it is for their neighbors' children to do their work now, in an era where access to streaming video and large files will likely be necessary to do their school work.

Shelley Burt
New York, 11422
sburt@schools.nyc.gov

Have begun using iPads for a variety of projects. Unfortunately, we have discovered that although our building's bandwidth has been upgraded comparative to other schools in nyc we can't have more than 10 units wireless units online in one classroom. It is worst if we have a few classrooms throughout the school that are attempting to utilize wireless via mobile units/laptops. Since alot of our students have faster speeds at home they truly barf at the speed bottleneck in our school.

Robin Shoup
Arizona, 85138
rshoup@musd20.ord

I was able to watch Neil Armstrong step onto the moon; the students were not able to watch Barak Obama be inaugurated since the computers couldn't handle the load. Since schools no longer have TVs, it is essential that school computers are able to show breaking newsworthy events.

Jodie Purcell
Washington, 98103
jpurcell@bishopblanchet.org

I show video of authors and play audios of book sections and plays

Jamie Jensen
Maine, 4043
jjensen@rsu21.net

It makes life long learning possible for all stakeholders

Joann Byrd
Iowa, 50010
joannshortcohea@yahoo.com

Students are able to obtain information about topics, have access to literature, and share information with others.

Deb Boisvert
New Hampshire, 3037
dboisvert@sau53.org

As we move to a BYOD environment we have needed to up grade our wireless regularly. Many students also come to school regularly with devices with data plans. We don't even by cameras anymore because so many staff and students have them.

Helen McComb
Mississippi, 39150
harrietteperson.library@gmail.com

I am a librarian and our connection speed is slow. Patrons come in to log into classes, but they cannot get the full experience or participate in class like other students because of the connection speed. Many end up leaving out of the library frustrated at the speed of the connection.

Betsy Norris
Tennessee, 37160
norrisb@bedfordk12tn.net

I am an online course school administrator. It is very difficult to provide students with very real needs online courses when they have no access. I can get them computers - but not the access. This issue can be solved and would be so helpful in educating youth.

James Idol
Tennessee, 37902
jim.idol@knoxschools.org

Broadband in the classroom facilitates communication among staff and students, allows for the introduction of expertise from outside the campus walls, and give students access to resources far beyond the scope of what one instructor could afford.

Shayne Swift
Maryland, 20737
shayne.swift@pgcps.org

IB Induction and Presentation Day! Rising 11th Graders were being inducted and parents were invited to also learn more about the program. We are an iPad initiative school. We used the iPads to build interactive presentations for inductees and their parents. We held a gallery walk and parents and inductees visited tables to learn about the subjects. Students presented artifacts with student work samples, big ideas, videos...etc! It worked well because of wireless and parents were pleased.

Jennifer Bergland
Texas, 78628
bergland78@gmail.com

Many parts of Texas do not have adequate broadband that is necessary for their education. This is critical not only in school but also at home. If we expect them to learn using digital resources, they need access to these resources at home as well as at school.

Dan Boshers
Tennessee, 37127
Dan.boshers@cityschools.net

To see a child that is struggling in reading. With the addition of high speed Internet it opens that child to a whole new world of instruction. I have seem children fall in love with reading via the content that is made available to them on the Internet.

Jonathan Vidas
Wisconsin, 54241
paul.vidas@nvolved.com

As other countries pass us by in cyberspace, we are being left behind in the real world.,,It's easier to stay ahead than to catch up.

Madison Kinnard
New York, 10038
madison.kinnard@gmail.com

Access to the best information out there! You have the ability to learn so much! Students can research for projects right in school!

Edward Resnick
California, 92592
babykater@yahoo.com

We need access for all kids in all schools!

Rachael Booth
New Hampshire, 3585
dragon1951@gmail.com

I maintain computers for a small school in northwestern New Hampshire. We just recently got DSL but even now we've discovered that if more than 4 students are on the internet at one time, access slows down to a crawl or drops out altogether. We need high speed fiber optic internet to support even our small school.

Joseph Brown
Minnesota, 56031
jbrown@fairmont.k12.mn.us

High-speed internet is as basic as chalk and a blackboard were 100 years ago.

M Radke
Michigan, 48864
Mwradkephd@gmail.com

40000 mobile computing devices in Detroit public schools purchased with ARRA funds have given many students access to excellent e-learning opportunities. And given their teachers the ability to monitor students progress on line then intervene to assist when students are not making progress. The training for teachers was also essential.

Tarik Sivonen
Maine, 4072
tarikesivonen@mac.com

No more waiting!

Rebecca Aumiller
Ohio, 43613
raumille@tps.org

I am a Media Specialist. When students use the computers in the library. There are times the connection takes 5 minutes or it does not connect at all. The internet is changing constantly. The education system needs to keep up.

Bruce Ballou
New Hampshire, 3086
b.ballou@sau63.org

12MG to the net works for our school

M. Monte Tatom
Tennessee, 38340
mtatom@fhu.edu

I interact with several schools in West TN throughout my tech training with them, and many of the students are frustrated that they have a hard time interacting with web assignments & eBooks because of slow or no internet connectivity.

Marsha Hauser
Iowa, 52042
mhauser@edge-cole.k12.ia.us

Our elementary school has access to e-books through our AEA. We would like to use them as supports for entire classes, but our poor internet connection will work with only 5 students at a time.

Drabina Washington
Florida, 33055
Ddwash@dadeschools.net

Oftentimes students have to research for various projects. Since there are a limited amount of computers in each class, those students with smart phones would be able to research.

Connie Williams
California, 94952
chwms@petk12.org

Our kids use our onlline library catalog, online 2.0 tutorial, research databases and open source material..all because we have access to a high speed internet. All kids should be as lucky as we are - thank you for your support

Sandy Schuckett
California, 90027
aq061@lafn.org

Broadband is something that everyone in the US should have just like universal phone service. It is an essential need for the 21st century.

Kristel Wood
North Carolina, 28001
kristel.wood@stanlycountyschools.org

We sometimes have problems in our school all connecting because it seems to be overload.

Gerri Barnhart
New Mexico, 87110
dahlhart@comcast.net

As education is being pushed to use more and more technology we see how many students do not have access to the internet. This puts them at a huge disadvantage - everyone needs this in order to learn and everyone deserves to have it. Working as a high school librarian I see how much the interent is used and how important it is that all have access now.

Arlie Huffman
Colorado, 80027
arlie.huffman@gmail.com

Broadband access in school allowed my son to enroll in a math class at his level rather than spending the school year re-hashing content he already mastered. This type of access is critical to more rural schools where teachers are already at an extreme premium and are stretched to the breaking point with the required curriculum.

Diana Petschauer
New Hampshire, 3809
dp.atspecialist@gmail.com

High Speed Internet is imperative for the implementation of assistive technology for students with disabilities to meet the same expectations and standards as their peers, such as literacy software or ipad apps, all which help them research and complete assignments efficiently.

Rick Green
Missouri, 65802
rgreen1@spsmail.org

The use of Smartboards and Projectors in engaging kids with the Internet access in our classrooms for interactive learning projects.

Nicole Fox
West Virginia, 25427
nbell@access.k12.wv.us

It is difficult for all stakeholders to accomplish internet- based activities of any kind if the connection is too slow. I am worried about online WESTEST2 administration this year. There have been too many glitches just on the writing portion of the test. I know we will have an issue with speed if everyone in the county and state is trying to test at the same time in April and May.

Beverly Kingery
West Virginia, 26651
bkingery@access.k12.wv.us

I am pleased as a district superintendent that all of our schools have high-speed internet and wireless in a rural school district. However, it saddens me that school is the only venue for many of our students to have access to internet as it is not available in many of the areas where students live. Therefore, there are many internet learning opportunities outside the school day that they miss.

Joy Fitzgerald
Connecticut, 6074
librarymed@aol.com

Some of our schools have not had high speed internet. There have been teachers who have wanted to show an online link or video and they have had to wait to show it as the buffering necessary for slower speeds takes time. Also sometimes, teachers have lost the video and have had to loose that TEACHABLE MOMENT and the momentum. Our H.S. has it and the student and teacher access has been wonderful and meets their educational needs. Our other schools can't wait to have it.

Bob Wise
Washington, D.C., 20015
rwise@all4ed.org

without broadband access for every student, implementing the common core state standards will never be achieved, especially for low income students and those challenged by geography.

amanda cooper
West Virginia, 25271
abcooper@access.k12.wv.us

High speed internet in our schools would allow teachers to equip our students with the knowledge and skills to keep with technology in our World and continue creating and building new products and ideas

Greg Cruey
Virginia, 24630
Gregcruey@gmail.com

Fiber-optic changed my school...

Tara Etzweiler
Pennsylvania, 17603
tara.etzweiler@pennmanor.net

Working in the library it is very frustrating when you only have the students for 30-40 mins. and it takes more time trying to connect then having the students working on projects or finding information. It is really great when all students get on line and can work together or by themselves to learn everything from typying to site of their work.

Deb Hyland
Nebraska, 68131
deborah.hyland@ops.org

Improvements in out district's Internet connection has meant a world of difference in not only how I teach as a technology teacher, but has made school life easier for all educators and students.

Cathy Higgins
New Hampshire, 3461
chiggins@conval.edu

Two of the 9 towns in our school district do not have high speed availability. Many of our families in rural southwestern NH do not have the option to connect to high speed internet. This is a vital campaign.

Joan Patrone
Ohio, 44514
jpatr54112@aol.com

We need more broadband access especially in the afternoon during peak use hours particularly for online assessments and to allow students internet access for online research and other classroom assignments.

Barb Steingass
Ohio, 44256
bsteingass@saintambroseschool.us

I am fortunate to be in a school where we have high speed internet access. Some students do not have it at home. We need to be there for those kids.

Anthony Machado
Miami-Dade County Public Schools
DISTRICT
Florida, 33175
tmachado@dadeschools.net

Allow for Districts to decide where to spend its E-Rate available funds based on local needs and not mandated by current percentage bands distribution and the 2/5 Rule. Also device an equitable distribution of funds based on students population.

Priority 2 funding (for on site school needs) has dried up as a result of Priority I funding requests. This issue directly impacts the district's infrastructure and maintenance requirements, among other critical needs.

Barbara Boksz
Harford County Public Schools
Magnolia Middle
Maryland, 21085
cybrscrybe@verizon.net

Currently we have only two labs in a school of 700+ kids which gives them very limited access. Students have Computer Ed for 27 HOURS per year. And while their teachers try to give them experiences in the lab, access is limited due to testing, etc., and

I would have students using the internet on a regular basis to contact experts about topics they are studying. In addition, I would have them doing more collaborating online doing more projects with a deeper learning to them. This would also allow me to

Gisele Huff
California, 94111
sledowker@comcast.net

We must make available to our children the essential tools they need to be successful in the 21st century.

From what I understand, the process is Byzantine and results in higher demand than available funds. Ironically, when all is said and done, there are funds that remain unspent. The process has to be changed to eliminate this misalignment.

Lisa Quon
LAUSD
San Pascual El
California, 90042
wulfsmum@gmail.com

Enable students to access high information via internet. Adults in the work field depend upon this access. To help prepare our students for future careers, they must learn how to use technology and be able to access technology.

My students would be able to participate in electronic field trips related to subject matter, connect with students from other states and countries related to learning, enable students to access learning apps that support classroom learning

Bonita Glover
PJBC Scholarship Committee
Virginia, 23228
bngtrainer@comcast.net

All students need access to the web to learn and grow as students and citizens.

Gary Kilburn
School Town of Highland
Highland High School
Indiana, 46322
soulful01@hotmail.com

The world is quickly moving to an all online digital world. Our future depends on keeping education institutions as up to date as possible.

More collaborative and multi-media projects would be possible using the type of software used at universities and in business.

Terri Grimes
Baltimore County Public Schools
Patapsco HS & CFA
Maryland, 21222
auntterri@comcast.net

Technology continues to change and increase everyday. Our schools need to be able to keep up with the changes in order to provide the education our students need to succeed in tomorrow's world.

Global connections, real time interviews

Angie Worcester
Bay
Lynn haven elementary
Florida, 32444
Worceaj@bay.k12.fl.us

I would be able to access the amazing technology resources that we learn about but do not have to teach our students.

Tom Miller
Cuyahoga County
Parkside Elementary
Ohio, 44145
tomtom11@me.com

High capacity broadband in school is critical to 21st century learning.

Madeline Britton
Santa Cruz City School
Soquel High School Library
California, 95003
mbritton@sccs.net

There are as many reasons as there are student needs. Mostly we cannot support classroom learning if we cannot use the appropriate software and often students in classroom have to just sit and watch their computer try to sign on. It is awful!

Teachers would have confidence about creating assignments that require students to use the internet.

Tracey Brown
North Carolina, 27613
traceylboh@yahoo.com

I'm not familiar with the current process.

Jim Houser
John Glenn School Corp.
Indiana, 46574
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We have to limit many types of traffic just because we don't have enough bandwidth to support the massive number of requests we have. Teachers find great resources, but we can't use them because of the limitations of our broadband pipe.

Hands on, virtual interactives, more skype/video conferences etc.

Pam Rickard
San Luis Coastal Unified Schools
Los Osos Middle School
California, 93402
rickardbiology@gmail.com

We need to get all students connected if we want a digitally literate, highly trained workforce.

I'm already designing curriculum for blended learning and computer coding to motive students toward high tech careers. See my webpage. https://sites.google.com/a/slcusdk12.org/rickard/home?pli=1

Valerie Wilson
West Virginia, 25840
vwilson@access.k12.wv.us

We need equity of access in WV schools and homes

Technology integration will empower students

Henry Danielson
Coast USD
COAST USD
California, 93428
hdanielson@coastusd.org

students need broadband and need to be able to compete in the global economy

teach computer science use video and other web technologies to enhance learning anytime anywhere

hire new staff the current staff is incompetent and simplify process and distribute funds equally whether you are a small district or a large district

Cindy Kuberski
Union City Board of Education
Tennessee, 38261
kuberskic@ucboe.net

Funding must be increased to allow students to have the benefits of high speed internet at school. Should McDonald's have better Internet connectivity that school? Think what teachers can do when students can all work online with adequate bandwidth!

Tracy Hill
Enterasys Networks
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thill@enterasys.com

Broadband to the front door isn't enough to expand digital learning to students. Students should never see waiting for page to load.

Faster funding commitments, shorter applications, transparent approvals and projects. Consortium purchasing.

Barry Ludvik
SFSD
Sheboygan Falls
Wisconsin, 53085
bjludvik@sheboyganfalls.k12.wi.us

With the dramatic increase in wireless devices and the use of BYOD our current network speeds are not sufficient to support learning.

I would use school owned and well as student owned devices to create, research, collaborate, etc to reach higher levels of thinking for my students.

The process is way to complicated. Forms should be submitted once with the schools needs detailed. Once reviewed the approval/denial response should be sent to the school with reasons for denial if applicable.

Joanne Oien
New Hope Elementary School District
California, 95686
joien@sjcoe.net

There is so much that needs to be done and just not enough money to do it with.

We would be able to have students do more digital learning. Right now we cannot have enough devices on the network to be efficient.

Why does the form need to be some complicated that we need a vendor to file for us? It's so complicated and time consuming. our information is already in place or in a federal database. make access to the info a priority and stop the redundancy.

Regina Snyder
Ohio, 43209
nelliesalso@yahoo.com

There has been no increase since its inception 17 years ago. Help needed now!

Volume of use is greater due to the increase in speed needed coming into the school building. Educational budget cuts and educational mandates are at odds!

Greater expectation as being placed on schools to improve while e-rate costs have increased - We are unable to use the technology offered because of lags in delivery. Increase funding to e-rate for schools and libraries, please.

Cindy Gilliland
Dickson County Schools
Tennessee, 37055
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Rising costs of internet access, voice service, equipment - many students live in rural areas with high poverty rate and little or no access to technology - diminishing local budgets due to lower county revenues and increased costs

Skype in to businesses for students to have face to face learning opportunities - immediate feedback with online testing software, student response systems, etc., increased program opportunities (STEM, ,Career and Technical, etc.)

Lisa Bradford
Milan Special School District
Tennessee, 38358
bradfordl@milanssd.org

To be able to have faster, better equipment in our schools to match what we have in society.

We would not have to wait on technology to load or download at speeds slower that what we are used to with our personal technology. Schools are behind in technology times!

Terri Haviland
Maury County Schools
Technology Department
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Online testing and educating our students in real world environments

Larry Ben
Decatur
Arkansas, 72722
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Education is relying more and more on internet connection

Marcie Aiello
Ohio, 43026
marcieaiello@yahoo.com

In today's digital age, schools MUST have high-speed internet!!

I can give my students a better, more real world experience if I'm able to rely on a consistent, high speed connection.

Diane Geddings
Dutch Fork Middle School
South Carolina, 29063
dianegeddings@gmail.com

All students should have access to quality high speed internet service.

Sean O'Neil
Antioch Unified
Antioch High School
California, 95726
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The 5-7 year replacement cycle that most districts are following is not sufficient for today's student needs.

1:1 connection to the internet.

Mandi Demers
Sanford School District
Sanford High School
Maine, 4073
mdemers@sanford.org

Technology is a part of all of our students lives. In order for us as teachers to integrate technology into our classrooms we must have all of the proper resources to back us up!

Video chat with other schools, classrooms to collaborate learning

Erik Kramer
Cape Elizabeth Schools
Maine, 4107
ekramer@capeelizabethschools.org

Technology, in general, is becoming more ubiquitous to our lives in schools and out. Broadband connectivity is the key to this ubiquity.

With more broadband connectivity, I would be able to provide more interactive multi-media content to the learning experience.

. *Take the Maine State Library Network (MSLN) as an example of what shared resources can put together for everyone... central management for a large network serviced by existing companies to supply high-speed internet across the state.*

Sandra Rohweder
Mauston
Lyndon Station Elementary School
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- more use of computers,- interactive, technology-based projects,- 21 century skills

Stoney Beavers
Blount County Board of Education
District Office
Alabama, 35079
sbeavers@blountboe.net

In order to create 21st Century learners, we must have 21st Century tools!

More hands-on use of technology. At this point, the teacher is the main one using technology because bandwidth cannot support multiple users at once. We could use many more interactive programs that require high bandwidth.

There has to be a way to cut down on the time commitment necessary to complete this documentation. Our Technology Integration Specialist has to cease working with educators for several days while completing this documentation
Eileen Marks DiFabio
NYCDOE
New York, 10003
emarks@schools.nyc.gov

Our children are disengaged with traditional brick and mortar learning. We are compelled to provide them with 21st Century skills so that they can compete in the global market. Increased broadband and innovative solutions to getting access to broadband

Use technology purposefully to increase engagement, increase academic rigor and assess student learning on a 21st century level

Christine Milazzo
Archdiocese of Chicago
St. Lawrence O'Toole School
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cmilazzo@slotoole.org

Students should have equal opportunity and access to the latest available technology to prepare them for future societal productivity

We would be able to flipped our classrooms and allow students to learn at their own pace thus allowing for mastery of learning.

E-Rate is such an unclear set of repetitive steps. We hired someone to do ours since it is far too daunting.

Sue Conner
Portage Schools
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We need more affordable bandwidth for every learning task were are trying to provide for our students.

Many more online resources.

The person who applies does not see the payments or invoices. It is a very cumbersome, time-consuming process.

Lupe Hernandez
Miami _ Dade County
Norma bossard
Florida, 33196
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Our textbooks and teaching material are online, Student support programs are also computer based

the re-teaching support is online, our small groups are online

Travis Lewis
Odessa R-VII School
Odessa Middle School
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We need to be able to handle basic online needs (testing, etc) as well as have the capability to introduce kids to the technical age (collaboration, digital citizenship, etc).

Flipped Classroom, Tablet Education, Shared Learning, Skype, etc.

Derek Glowacz
District 299
Goudy TMCS
Illinois, 60640
dglowacz@cps.edu

I far too many times will be instructing and want to stream a a video, but have to wait for content to buffer due to a low-bandwidth in our school.

Barbara Stevens
Muncie Community Schools
Mitchell Elementary
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Funding must be increased to improve connectivity and access to high speed internet.

State required completioin of forms which must be submitted would be faster to access. ,

Jill Davis
Waukesha West High School
Waukesha West High School
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Every student should have high speed internet access so they can access information that will increase their opportunities to learn and succeed in life.

corina duran
APS
Cochiti
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with media and technology being key in learning, we need adequate speed and computers. Please assist our schools.

kids don't have much time to complete projects, so we need effective networks

Kenneth Fonseca
Miami-Dade
Redland Middle School
Florida, 33031
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Every student needs equal access in today's fast paced digital world.

Introduce students to the vast interactive material available to them via the World Wide Web.

Not sure.

Kristi Anderson
Lake Hamilton School District
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kristi.anderson@lhwolves.net

Equal access means equal opportunity

Provide students with the most innovative methods of expressing real-life examples and content so that it is meaningful and memorable to the child.

robert interian
MDCPS / ASPIRA of FLA.
ASPIRA South Charter
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robert_interian@dadeschools.net

the performance gap demonstrated via standardized testing between low-income & higher-income students continues to expand... access to technology & the internet will paly a crucial role in helping to turn the tide. By providing every child with access to

Access to hardware as well as the internet expands the spectrum of teaching choices & approaches to infinite boundaries... the availability of web-based interventions & educational tools + research capabilities would be enhanced in my own classroom, so th

cut out unecessary red tape- middle men - etc. consider funding schools & organizations directly (adopt-a-classroom comes to mind) if it's not already being done. Thanks

Robert McFarland
Miami-Dade
Florida, 33180
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If you want 21st century students, then provide schools with 21st century resources.

Make learning more interactive; draw on read world and real time resources.

Cindy Doder
Webster Groves SD
Webster Groves High School
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For students to compete in a connected world they must be able to connect globally and prepare themselves with online tools.

We could utilize all of the useful multimedia tools available online such as Kahn academy. Video streaming can cripple the district with our limited bandwidth.

Beth Espinoza
Kentfield School DIstrict
Bacich
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Equal access for all students.

Jed Metzler
Grant County Schools
South Branch Career & Technical Center
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jametzler@access.k12.wv.us

Our students continuously struggle with computers that are outdated, antiquated and frankly dont work! We need better equipment!

We would have more opportunity to use webbased programs to enrich our students learning experience.

Kari Langer
School District of Mauston
Wisconsin, 53948
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our kids are the future..they need access to all we can provide to make learning better

Valerie Petersen
MDCPS
Miami Coral Park Senior High
Florida, 33165
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Must be able to access internet in school and out for educational delivery, research and assignments.

Have students submit work electronically, collaborate on inclass projects and allow for diverse technology tools.

Carmella DiPippa
CMAVTS
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Funding is necessary to allow students to access to information.

Engage students in the proper use of technology and how to navigate the Information Highway

Sue Bell
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Waiting for the internet loses valuable learning/teaching time. No school or student can afford ANY lost time.

Deena Jorgenson
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djorgenson@brusd.k12.az.us

Students need reliable and fast Internet access because they are being schooled to be career and college ready in the real world.

As an educator, I would not hesitate to use more web-based resources to enhance my instruction and bring more awesome resources to my students.

I have no suggestions only because being a federal program, E-rate is bogged down due to all the bureaucrats and politicians involved!

Eric LeMaster
Bowie High School
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As teachers we are instructed to use technology in our classrooms. To save money, schools are not purchasing materials that can be retrieved for free on line. With no or poor access to online information and streaming, we can not do our jobs satisfactoril

Many of the sites to enhance a students visual learning are today found on line and not in our library. And students learn and retain visually displayed information far more easily that written or spoken representations of said material.

Don BROTT
Miami-dade
Miami killian senior HS
Florida, 33176
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it is the TIME

DROP TEXTS AND GO WIRELESS

N/A

Jessica Partlow
Grayside Elementary
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I'm from a small district that is trying to increase the amount of technology in our classrooms. We recently were able to purchase Chromebooks on a one-to-one level for all of fifth grade. I have tried using them everyday since the start of school, but

I am working on helping my kids be able to generate ideas into words, faster and easier by using word processing instead of traditional pencil and paper.

Connie Louie
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All schools must have high speed connections so teachers and students will have EQUAL access to quality educational resources; so they will have equal opportunity to communicate; and to access appropriate data to improve their teaching and learning.

Be able to access and share appropriate and high quality resources and teaching practices. ,Be able to network with colleagues and communicate with parents.,Be able to access and share appropriate and vital data instantly.

E-Rate should simplify the application and not bog down schools with so many bureaucratic procedures. E-Rate should support states agencies in monitoring the progress of district's implementation and the use of grant fund.

Katie Finney
Pearson
Virginia, 23112
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Faster internet access in schools is imperative. Increased learning can take place since students will be more engaged with their style. Textbooks should only be used supplementary now.

I'll leave this for the experts who know E-Rate more deeply.

Debra Mund
Saint Paul Public Schools
Como Park High School
Minnesota, 55117
munddebra@gmail.com

Broadband width is a huge problem. If you wnt educators to use electronic resources you must ensure they work when a teacher is using them in class. Too many times, a teachers prepares a lesson and then can't present it because of speed or too many people

Brenda Stiver
wawasee
Syracuse
Indiana, 46567
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If any grade is testing, the rest of the school is not allowed on the internet,. If I show a video, I cannot make it full screen or it will freeze.

We could actually plan to use technology, and expect it might work

Lynn Tupes
Mason County Schools
Mason County Career Center
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We expect our students to compete in a global economy; however, we are not providing adequate tools to accomplish this. Many schools and households in rural areas don't have cell service/internet service which is fast enough or reliable enough to be of v

As an educator, I would be more willing to develop web based activities and learning if the internet was stable and fast enough to handle the requests.

Kevin Hahn
Mauston School Disrict
Mauston High School
Wisconsin, 53948
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It is important to make the best technology available to schools at an affordable rate if children are to be well educated in technology.

With better high speed internet access, it would be easier to utilize video media that help teach concepts better.

I am not familiar with how E-rate works.

Michael Borreson
Mauston School District
Mauston High School
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All students deserve to have equal access to digital resources!

This would allow for easier and faster access to digital resources, like online textbooks and videos, which would positively impact student learning.

NAValorie Melow
Ithaca
South Elementary
Michigan, 48847
vmelow@ithacaschools.net

Children should have equal access throughout the US. Rural students should not be at a disadvantage just because of where they live.

Myles Tatom
Freed-Hardeman University
Tennessee, 38340
mtatom@fhu.edu

The school systems in the rural areas have a very hard time to compete and offer comparable Web 2.0 opportunities to their students.

Those of us at the higher education level have difficulties when providing web-based professional development to the rural systems.

Theresa Carter
Idaho, 83857
tap83@hotmail.com

Kids and teachers need access! They can't do their jobs without the proper tools

Blended learning, and connect my kids to the rest of the world

Chris Bowman
Conewago Valley School District
New Oxford Middle School
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Technology is a critical part of education today, and without proper internet access, we confine the abilities of our students to explore and create.

Use the internet as a viable and valuable learning resource that supports real-world learning.

Companies that supply schools with internet access would have to meet state or national requirements regard broadband access.

Judi Jenkins
De Queen
Arkansas, 71832
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Common Core/PARCC

Use more digital media,Allow students to use it as a tool

Less paperwork,More support

Jane Bennett
Willard Alternative HS
Montana, 59801
jabennett@mcps.k12.mt.us

EVERY student in America needs and deserves to have access to high speed internet at school. Whatever it takes, please make it happen.

Waste far less time waiting, waiting, waiting for things to load.

Peggy La Fleur
Michigan Department of Education
Michigan, 48909
lafleurp@michigan.gov

Certainly technology is here to stay. Students need to evolve with the upgrades to prepare them to be career and college ready in the workplace.

Maria Alcoke
San Diego Unified
High Tech High
California, 92106
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The E-Rate increase will allow students to benefit from online resources and increase productivity. It also allows for distance learning and online learning to happen in the classroom - courses offered through Khan Academy, etc would be more efficient wit

There would be more potential to use Cloud based programs which encourages collaboration for group projects. I would also integrate other online learning tools in the classroom and stream tutorial videos.

Will Kerr
Reynoldsburg City Schools
Ohio, 43068
wkerr@reyn.org

The need for access to media rich, cloud based content is exponentially increasing. With the advent of new technologies like augmented reality, the need for more bandwidth will only increase. Access to resources, and quality blended education should not

lori obrien
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willow creek academy
California, 94965
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I can teach 21st century skills, i can not use internet for project based, inquiry based learning, students can take assessments

real differentiated lessons, enrichment, research, students as creators of technology, not just consumers, address the achievement gap

Katherine DeBarra
Baltimore County, MD
Dulaney High School
Maryland, 21093
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We have technology but can not use its full capacity without internet access.

Communicate with students in real time through e-devices as they work in class, update my online lesson planning calendars, show presentations from my ipad, allow students to look up answers to questions they have during class.

Catherine Shelton
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It helps districts pay for technologies to assist teachers with their instruction of students and increase their learning.

WE are very fortunate to have high speed internet access and our students have had the opportunity to explore and learning on a higher level enhanced by technology.

I know that eRate is important and a bear to work with although I am not high enough in the chain to deal with it but anything to streamline the process would be appreciated.

Robert Thomason
Petersburg School District
Alaska, 99833
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Access to technology is the new base in education and our society in general. Access comes with a cost that is out of reach for most traditional school budgets ... especially in a time of reduced resources. We cannot degrade to have and have not school sy

Valerie Olson
Lac du Flambeau
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All students need to be prepared to work with technology efficiently to compete with the rest of the world.

provide more lessons that incorporate technology

Carmella Doty
Prince George's County Public Schools
Office of Home and Hospital
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It is critical that we give Internet access to our students and teachers

If my students had equal access to high speed Internet, my low income students could be career-college ready as their classmates who have high-speed internet in their homes.

Make the process easier for districts to get the money. Allow schools to put in high speed broadband in places where kids go out of school, library, laundrymat, community centers, other non-profit groups in the neighborhood bringing it to low-income stude

Lorena Martinez
Texas, 78521
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To promote critical thinking skills, creativity and innovation through exposure to current and new technologies for a better and brighter future worldwide.

The amount of student exposure to real-time data and use of video would increase. Students could interact with current data and research to support and advance their learning.

Make the process clear and simpler for districts to apply and receive the funding as soon as their application is approved. Have support for completing applications to make all in need eligible. Thank you!

Kris Kirby
Ovid-Elsie Area Schools
Michigan, 48831
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We are a poor rural area with little cellular service and weak broadband.

Lorenzo Barraza
Bernalillo Public Schools
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lbarraza@bps.k12.nm.us

E-Rate funding is critical, without it many school districts would not be able provide appropriate infrastructer for todays technology needs.

Mary Briody
Diocese of Arlington
OLGC School
Virginia, 22182
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So that all schools and students have equal access to dynamic learning tool.s

Increase the level of active learning.

Have govt workers shepherd the process as a case worker assigned to schools.

Miles McGeehan
Bozeman School District
Central Office
Montana, 59715
miles.mcgeehan@bsd7.org

Please increase funding for E-Rate to improve the antiquated (or non-existent) digital infrastructure to allow our students a competitive chance.

Digital learning resources improve student motivation, engagement, collaboration, digital literacy, information literacy, and academic performance. Digital learning opportunities reduce behavior issues and increase school attendance.

Jerry Overmyer
MAST Institute
University of Northern Colorado
Colorado, 80639
jerry.overmyer@unco.edu

Internet access is the electricity of the 21st century. With it we will prosper, without it we will decline.

Public/private partnerships

Margaret Grueter
Sacred Heart Griffin HS
Illinois, 62702
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Because the current rate is hardly worth the hours of paperwork we have to do to get it.

We are promoting BYOD. The faster the students get the info the better.

Make the paper work simple.

Jacalyn Meyers
School Town of Munster
Eads Elementary
Indiana, 46321
jsmeyers@munster.us

High stakes testing is being done utilizing the internet. When the system can't handle all the districts that are testing it crashes and then students, teachers, and schools have testing interrupted which could invalidate scores. Also many of the textbo

Hopefully the school would purchase more laptop computers or pads that we could utilize in the classroom. It is hard to do research projects with only 2 computers in the classroom.

Gail Monohon
RSUSD
California, 93204
GMONOHON@EARTHLINK.NET

Switching to digital instruction and assessement requires dependable equipment.

John Windhausen
Schools, Health & Broadband Coalition
Washington, D.C., 20016
jwindhausen@shlb.org

The E-rate Program was created in 1997 when the primary goal was to provide low-priced telephone services and data circuits to schools and libraries. Today, the program needs to be updated and adapted to the digital world. Libraries and schools need ope

Katherine Carmack
None
Mills College
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Students rarely have all the necessary tools they need to succeed in school. Having internet access is just one of the many steps that needs to be taken to change that fact.

Angela Schmidt
Miami Dade County Public Schools
Santa Clara Elementary
Florida, 33175
283152@dadeschools.net

To benefit our technology hungry students everywhere

I would be able to do more virtual field trips, use more e-books, use more intervention programs, etc.

Ed Ozols
Bath County Public Schools
Bath County High school
Virginia, 24445
veozols@gmail.com

We need to give students the tools that they need to be successful. There is so much rich media out there that is inaccessible without better access.

I would be better able to prepare students to enter a technology filled world where we are competing against India and China

Heidi Unger
Andover School District
Andover Elementary/Middle School
New Hampshire, 3216
hjunger@hotmail.com

Students need equal opportunity to have access to the learning tools available on line.

Increase global awareness and learning of students.

Joni Atha
Dalhart ISD
Dalhart High School
Texas, 79022
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Kids today are elearners. They don't know a world without Internet. It is frustating for the schools tech infrastructure to be so far behind the needs of its students. We want them all to learn to use their devices for education, but not everyone can get

Technology would be used more and with more confidence. Nothing like planning lessons & then the Internet is down or keeps dropping signal.

Donna Clementi
ACTFL
Wisconsin, 54913
donna.clementi@gmail.com

All children, regardless of where they live, need equal access to the Internet.

High speed Internet allows students to collaborate with peers around the world to gain perspectives from outside their community on issues of global importance.

Teresa Coughlan
MVWSD
Mariano Castro Elementary
California, 94040
tcoughla@mvwsd.org

Educating a student nowadays cannot happen solely through interacting with a classroom teacher-students with less access to internet need schools and libraries to level the playing field.

high speed internet will ultimately allow more differentiation of instruction and each student will receive more of the kind of support they need

Lisa Sarcone
Lakeland. Central schools
Lincoln Titus
New York, 10657
Lsarcone@lakelandschools.org

In the near future students will be required to take high stakes testing online.

When playing educational games or streaming educational clips at times there is a delay which can be frustrating for all.

Lynda Oleinik
Evansville Community School District
Lynda Oleinik
Wisconsin, 53536
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Technology is a critical tool for learning today.

Individualize instruction using technology.

Maria McGovern
Flagler County Public Schools
Florida, 32110
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Teaching our students 21st Century Skills to be successful in College and Career Readiness this is a must no longer a luxury

It would provide the blending learning and flipped classroom to be possible

Cost needs to be driven down in order to provide the lastest bandwidth and infrastructure available at the current time. With school districts budgets being slashed and still having to keep up with state mandates for example online testing, online courses

Angela DeHart
Fairfax County Public Schools
Glasgow MS
Virginia, 22312
malikanegwa@me.com

All schools, especially those with a high population of free and reduced lunch students need to level the playing field and increase their availability to quality education. Easy and fast access to the Internet is imperative when trying to maximize the f

I want access to my students and parents in a way that allows me to interface with them when they need me but without a use of a phone or leaving voice mail messages! Technology is dynamic and the classroom should reflect that opportunity! We want out ki

Loretta Mistrot
Bay District Schools
Tommy Smith Elementary
Florida, 32404
mistrll@bay.k12.fl.us

If we are to meet the ever increasing demands of using technology in the classroom, we have to internet that actually works.

More interactive projects

Kendal Koepp
School District of Mauston
Olson Middle School
Wisconsin, 53934
kkoepp@maustonschools.org

I would provide students with a more interactive classroom while teaching them technology skills that they will need for the future.

Paula Buck
Brooke County
Wellsburg Primary School
West Virginia, 26070
pjbuck@access.k12.wv.us

Funding needs to be increased to be able to keep up with the ever-growing demands of technology integration into public education!

I would help increase my students' ability to learn and utilize technology in order to enhance their learning experiences.

My own personal experiences with the current internet system have been very inconsistent. Like many other teachers, I put time and effort into creating lesson plans that implement technology. However, many times the current system is down thus, I have to

Doreen Vandewater
Sheboygan Area School District
Urban
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In our building we will have approximately 500 students utilizing iPads thought their school day for 21st century learning.

My math textbook is a ebook series- it is just imperative so that students can access information and solve real-life problems.

The biggest issue is high speed access to my math textbook series. At this time I can not unplug my computer from my Ethernet connection for fear of taking several minutes to load information, being dropped from the internet and wasting students' learning

Edwin Sharpe
Aleutians East Borough SD
Akutan
Alaska, 99553
esharpe@aebsd.org

We have a great start but it is a drop in the bucket of actual costs for our school.

Internet provides more access to questions that I can not even begin to know all the answers too. I use the internet daily to get students to ask questions and to find answers.

Simplify, even though it is not that difficult now. provide a certain amount to each school for costs of providers.

Lawrence Gillick
Baraboo High School
Baraboo High School
Wisconsin, 53913
lgillick@barabooschools.net

Rural schools have large populations of students who can not access hi-speed internet at home. Teachers are working to incorporate more internet activities and online fluency in classes and these students are at a major disadvantage.

Flipping some lessons and classes will provide more time for hands on practice and one on one instruction while at school.

Rob Darrow
California, 93611
robdarrow74@gmail.com

Development and implementation of more video based teaching.,

Jack Wallbrecht
Maricopa Unified School District #20
Arizona, 85138
jwallbrecht@musd20.org

Schools need to have adequate internet/wi-fi to meet the growing demands of education, educational resources, and mobile, real time learning.

Provide more real-time opportunities with video conferencing, allowing students to remotely interactively learn from experts in the field, draw more from on-line resources, move from paper textbooks to on-line textbooks. Having better high speed internet

Shorten the process. The process for approval takes too long which hampers the ability of schools/school districts to meet the needs of students in a timely manner.

Melissa Ritchey
Dalhart ISD
Dalhart High School
Texas, 79022
ritcheymel@dalhart.k12.tx.us

Rural schools such as ours have many issues concerning technology and currently lack the infrastructure to support our equipment. Such funding helps our district.

I would be able to accomplish the things I already know how to do. I love using my IPad and to stream live. However, I am often limited by bandwidth. Our district only had 20 Mbps for the entire district which has 1400 students. One video conference b

Rebecca Maas
TTUSD
California, 96161
rmaas@ttusd.org

Students need to be able to access information and apply it using skills that allow them to be producers and to communicate via the Internet.

Teach researching skills! Also flip the classroom so that the student could then use the information they learned to create a product to share with others globally.

Kathy Close
Bozeman Public Schools
Emily Dickenson
Montana, 59715
kathy.close@bsd7.org

Students and teachers need consistent and reliable service in order to be prepared with 21st Century Skills.

We would be more confident planning projects and instructional and student use of technology.

Ellen Regan
Massachusetts, 1844
Janderegan@comcast.net

Kids need to have access to what they need when graduate

More lessons to integrate experts available to teach kids

Hugh Gaston
School District of Wisconsin Dells
Wisconsin, 53965
hgaston@sdwd.k12.wi.us

Access to high speed broadband at speeds of 1 gbps for all schools is necessary to adequately address the rollout, implementation and sustenance of 1:1 and BYOD initiatives.

Lori Leon
miami dade county
Aspira S. Youth Leadership Charter
Florida, 33160
945733@dadeschools.net

Students, all students, need fast and dependable access to the internet in order to better compete for jobs within this new century!

I would take more advantage of students engagement that computers offer and this will only help them in their future life goals and lifelong learning.

martha parker
Grantham NH
Grantham
New Hampshire, 3753
martha.parker.magagna@gmail.com

The future of our children's educational quality depends on quick and reliable access to the internet. Most are too slowl and unreliable.

Janet Harrison
Kokomo School Corporation
Technology Academy at Bon Air
Indiana, 46901
jharrison@kokomok12.in.us

Let's give the students in the U.S.A. the best opportunities in the world for learning!

Tami Benson
ISD 77
Kennedy Elementary
Minnesota, 56001
tbenso1@isd77.k12.mn.us

All students would have access to mobile learning in school. As it is, schools are spending building monies to become wireless. This takes away from funds that could create teachers salaries. Mobile learning allows students more individualized instru

Elinor Levin
Onslow County Schools
Southwest Middle School
North Carolina, 28546
elinor.levin@onslow.k12.nc.us

We are called upon to require 21st Century Skills in all of our classes, but the most amazing technology enriched lesson is all for naught on the days that the network goes down.

Tina Weiss
Racine Unified School District
McKinley Middle School
Wisconsin, 53405
tina.weiss@rusd.org

Our future generation of workers relies on loud computing and global connectedness. Internet connectivity is essential.

Increased video chat/interview with professionals and individuals globally.

Sally White
Elk Grove Unified School District
Edward Harris, Jr. Middle School
California, 95624
salvo_95624@yahoo.com

High speed internet is important to for teachers to access web programs to enhance teaching and student learning. Increased E-Rate funding will provided this access.

High speed internet access would mean in our library that students would have access to web-based programs and the computers wouldn't bog down when so many students try to access the same on-line programs.

VERONICA EZEWIKE
DADE
LAKE STEVENS
Florida, 33055
vezewike@dadeschools.net

students and teacers are learning and teaching differently with the use of technology to meet up with the rest of the world

Fast access to information

Claudia Blackley
Hampton City Schools
Virginia, 23669
ucanttakemyjoy@yahoo.com

Funding for E-Rate must be increased so that more students and teachers can use this services.

I would use more diverse ways to educate the students .I would use course materais including virtual field trips to help them with the subject matter .

Meridith Bruozas
Argonne National Laboratory
Illinois, 60613
mbruozas@anl.gov

In the thousands of schools I have visited over the course of my 15 years in the educational field, most schools are not sufficiently outfitted with the technology tools needed for them to provide a 21st century classroom. In many instances, we are still

Increase the ability to collaborate and connect within and outside the classroom similar to how the business world uses technology.

Phyllis McClure
Pickens
Aliceville Elementary
Alabama, 35442
mcclurep@aes.pickens.k12.al.us

I teach in a small rural school. E-Rate funding would help our system have better access to the internet.

There are so many possibilities to expand knowledge to our students through technology.

Barbara Whyte
Mauston Schools
High School
Wisconsin, 53948
bwhyte@maustonschools.org

Students need high speed internet to access information for school work.

Students could be given work to complete before they get to class so that I could better prepare for areas of confusion or concern to the students.

Roberta Barber
Fulton County Schools
Woodland Middle School
Georgia, 30344
barber@fultonschools.org

To bring students to the highest level of learning that have to learn how to use the flood of information from the internet.

Teach students how to access data, search in a controlled manner, how to eliminate data and cut through to the needed information.

clara pena
providence schools
alvarez H.S.
Rhode Island, 2907
clara.pena@ppsd.org

in today's world it's critical to be able to be connected to the outside world/ and to new technology, and also be able to teach our students about new technology so that they will be able to compete and be ready for future positions.

noted above

Marta Raimundez
Miami-Dade County Public Schools
Kinloch Park Elementary
Florida, 33184
mraimundez@dadeschools.net

Our students are walking techies, we need to provide them with an education that is part of their life style. We all depend on technology, our schools must keep up with the trends of society.

Write now with Common Core, research and collaboration technology is essential.

Leslie Mulkey
Fouke Public School
Fouke Elementary School
Arkansas, 71837
leslie.mulkey@foukepanthers.org

Rural schools need help connecting students to the 21st century.

Lessons would change when you can assume all/most students have internet access. This would help close the gap between low SES students.

I don't totally understand E-rate because of its complexity. So making it more understandable to all would help.

Diane Nitzel
St. Francis of Assisi School
Christopher Bakk
Racine Unified School District
Park High School
Wisconsin, 53142
christopher.bakk@rusd.org

We cannot allow our students in already disenfranchised communities to fall further behind. If we are serious about equity and equality in this country we will not allow the tax base of communities determine how much will be invested in connecting our stu

Frank Pileiro
Linwood Public Schools
New Jersey, 8221
frankpileiro@linwoodschools.org

Because of the every growing reliance on web based resources in education. Not to mention the online testing requirements.

We would better be able to use all of the rich resources available on the internet without the worry of network slowness due to bandwidth contstrains.

We do not qualify for very much, if any, e-Rate finding. So, the ability to make us more eligible for funding would be great.

Nancy Grant
MSAD #41
Penquis Valley
Maine, 4463
nbgrant@msad41.us

Maine students and teachers have 1-1 devices in all 7-8 grades. Maine is mostly rural. The rural areas do not support the fast Internet. Equity in Internet access needs to be a priority, so our education system can access and share the resources on the In

Students learn by sharing and producing. Students learn and produce more quality work, when they can share it beyond their local area. Sharing does not happen when you are have no Internet access or just dial-up. Students who connect to other cultures gai

Less paper work.,,

Linda Rinaldi
Montgomery County Schools
East Middle School
North Carolina, 27376
lsrinaldi@gmail.com

Students do not have equal access. Access means better preparation for jobs in the 21st century.

Students could work more independently and at their own academic pace. They would gain experience on sophisticated software and be more ready for high school and college level classes.

Leanne Grandjean
Granville Central School District
Granville Elementary School
New York, 12832
lgrandjean@granvillecsd.org

Students need equitable access to technology and faster Internet

flip my classroom

not sure

Jonathan Awe
Freedom school district
Freedom elementary school
Wisconsin, 54131
Jawe@freedomschools.k12.wi.us

The time wasted waiting for Internet is time lost on no learning.

We has the internet for everything. We are trying to prepare students for the workforce with snail-speed internet connection.

Julie Rose
Esparto USD
Esparto K-8
California, 95606
jrose@espartok12.org

In my rural school, 70% of the students qualify for free and reduced lunch. Access to technology is the only way to help close the achievement gap.

I am already teaching Common Core, and students are hungry to research science topics. I already see an improvement of writing skills.

For erate funding, we can not let web designers know that we are seeking a new web page - as a small district, we had few applicants.

Cheryl Lydon
Puget Sound ESD
Washington, 98133
cheryl_lydon@yahoo.com

It is an issue of equitable access to 21st Century tools and skills.

Provide students with real world learning experiences and access to students across the country and the globe.

Elizabeth Daly
Waddell Language Academy
North Carolina, 28217
elizabeth.daly@cms.k12.nc.us

All students need access to high speed internet for reading and research

Allow students to use their own devices in my classroom

Make it available to everyone everywhere.

Brian McGuire
School District of Mauston
Olson Middle School
Wisconsin, 53948
bmcguire@maustonschools.org

As more and more information is being transmitted digitally, students are connected more freely, and education is shifting to a more paperless method of education, it is imperative that adequate broadband is available at an affordable cost. There are few

We are attempting to move to a more digital method of education. Lessons are presented digitally, students are utilizing the internet for research, and homework and assignments are being completed using web based programs. Students would have unlimited

The technology to become more digital is there, but often-times the hardware is not. In a group of 20 students where information is presented digitally, some students receive the information immediately while others up to several minutes. I explain to m

Melanie Landrum
North Little Rock
Pike View Elementary
Arkansas, 72116
melaniemlandrum@gmail.com

Our students need access to information to become part of an educated world community where information is available to all not just the wealthy.

More interactive research based projects.

Monica Encarnacion
PS274
The New American Academy at Roberto Clemente State Park
New York, 11379
techteach330@gmail.com

In today's digital age it is vital for students and teachers to use technology and the internet as part of daily learning. We cannot expect our students to excel and compete with other countries around the world when we are so behind in the connectivity

Through the availability of better high speed internet access I would be able to provide my students with a broader and more rigorous education through digital learning. Students would be able to participate in a wider variety of research projects, incre

Laura Perry
Parishville-Hopkinton Central School
New York 13672

As education standards INCREASES and State / Federal aid for services DECREASES and as Internet based learning opportunities INCREASES, the Internet becomes an even greater lifeline for our children's educational future (ESPECIALLY in RURAL schools). In our small rural town (K-12 is in one building!), access to specialized educational opportunities is limited to what can be delivered via the Internet. It makes sense to deliver services this way IF all participating schools have adequate access to the Internet. Please FCC - make adequate funding available so these Internet services can serve our children.

Thank you!
Second point of reform - E rate should not prohibit use of Internet access in our rural communities in the school's off peak hours! In many of our communities, the school is the largest consumer of bandwidth - leaving the community without access to high speed Internet (Yes - still in 2013!!). When the kids go home at 3p, the school's Internet could be used by the rest of the community! Let the schools be a hub of safe Internet and digital activity and help drive the digital evolution of rural America. FCC - Stop prohibiting the use of Erate funded Internet bandwidth for non-school related access.

Debra Bradley
NJPSA
Hunterdon Central Regional High School parent
New Jersey 8831

Federal funding for the E-rate must be increased in light of our changing global education system and the new curriculum and assessment requirements of the Common Core and PARCC. NJ has chosen to raise the bar on our students, we must provide them with tools and Internet access to move these initiatives and the resulting educational opportunities of our students forward.
My daughter's high school now has a bring your own device policy in its classrooms. High speed internet access is a foundational element of this high tech approach to education. Her school uses a 90 minute educational block for each subject. Technology is a critical tool to using actual classroom time well in this block.

Rita Crowder
CTS Technology Solutions, Inc.
Illinois 62286

I don't believe the funding needs to be increased; but rather the target of the funding needs to be adjusted. While it seems unbelievable, there are still large portions of the United States that are STILL struggling with acquisition of high-speed Internet. So how educators are trying to educate in the 21st century is not in sync with the infrastructure. So it's great that Erate funds it; but those federal funds could be used to make a more robust infrastructure nation-wide to allow significant enhancement to the educational experience by provide access to high-speed Internet to ALL students.
Priority II funding is so often times delayed by two-three years, that the project for which a school/district applied originally can be resolved with a newer available technology or they've had to pay for it themselves to get it completed - without Erate funds. With so many technology services from Priority II that can now be covered under Priority I; i.e., hosted phone systems; there needs to be push to incorporate those types of technologies in the schools. It is more cost-effective and allows schools to re-allocate more effectively the dollars they were having to expend on the balance for Priority II items.

The whole 28-day competitive bidding process needs to be evaluated as well. Many schools, even though they are supposed to entertain competitive bidding, do not. They just do not respond; so there's no competition. Therefore, I'm not sure this is even a productive exercise in the process.

Our youth need to develop the skills necessaty for the job market early. Funding is necessary to bring schools into the digital age.

Mara Allaire
New Hampshire 3820

E-rate provides discounts ranging from 20â€"90 percent and has helped thousands of schools and libraries get internet access. Unfortunately, half of E-rate recipients have slower connection speeds than the average American home.
By providing/adding more wireless spots or cell towers that allow for the easy access of internet.

BJ Granbery
Montana Office of Public Instruction
Montana 59601

Students everywhere must have online access in order to be connected to all avenues and opportunities for learning.

David Lovelin
Sam Barlow High School
Oregon 97068

All students need to have access to the Internet in order to level the playing field between students of poverty and students with technical resources.
With larger class sizes teachers can then have the opportunity to flip their classrooms and give students the ability to increase their reading and writing skills.

Jeri Wooldridge
North Lamar ISD
North Lamar High School
Texas 75462

So that all students have access to high speed inter-net service.

Jack Carney
Maine 4210

Equal access

Frankie Jarrell
North Lamar ISD
North Lamar High School
Texas 75460

Library patrons deserve the use of high speed Internet service. Many school students depend on the Library Internet use age for erase arch and homework.
I would plan and utilize more lessons for my students with high speed Internet.
I trust you to know more about this than me.

Jose Fernandez
Orange County Public Schools
Cypress Creek High School
Florida 32824

Be competitive and technically knowledgeable in the global market in the future endeavors.
Faster learning for students that need bigger challenges in order to progress.
Through training and proper orientation by qualified instructors.

Margaret Somerville
Stonycreek JUSD
Indian Valley Elementary
California 95979

Simplify the application process for schools
It is crucial to promote support for scalable, flexible and affordable fiber infrastructure solutions where it is feasible to meet current and future needs of schools and libraries as well as support the use of Microwave and other fixed Wireless LAN solutions.
Use of the internet in classrooms is vital to teach students the skills necessary for them to be employable in the 21st century. Live streaming videos, internet educational games, e-readers, interactive teaching sites would supplement my classroom activities with high interest material. These are not as accessible with slower speed T-1 access that is currently available, especially when there are many computers in the district using internet at the same time. This is very frustrating and unproductive time waiting for material to buffer or function correctly.

Julio Alva
District #3 LULAC Florida
Florida 33175

Investing in education is always a good thing to do.

Mary Feathergill
Ridgeway Community School
Minnesota 55943

Rural rates are expensive.
Interactive white boards, required online testing from the state - these things need high speed internet access.

Edna Canino
Florida 33184

Need adequate funds for program to be effective.

Carol Sloan
Jackson Elementary School
Louisiana 70748

High poverty school with 90-95% free and reduced lunch. Our students need to have the same opportunities as any other child in America, by having access to computers and the internet. They need to be prepared for the future so they can compete for scholarships as they approach graduation, obtain a job, learn how to research.I am an elementary librarian and have a need to be able to teach our children internet research skills where they can access the information faster and better.

Sandra Patterson
North Lamar H.S.
North Lamar H.S.
Texas 75460

You want it for the student's of Texas, to help assist them with the latest technology and a faster way to attain that technology.
It would give me more time to spend on teaching my students, instead of waiting on a program or a lesson to load up.

Todd Willhite
Salisbury R-IV
Missouri 65281

Debra Haber
Tennessee 37128

Lawmakers are saying they want to improve education and bridge the gap between students, Well here's a way!
Some students need extra support in the classroom this is one of many ways to offer that additional support. Not all students have access to internet or computers outside of school. By having high speed internet, students can access the info more quickly. In turn finishing their work quicker allowing more students to use the internet to complete required work.
For generations lawmakers and educators having been trying to bridge the learning gap for all students. Here is a way to level the playing field for everyone by providing high speed internet access.

Paula Liles
North Lamar ISD
N.L. H.S.
Texas 75460

I have classes in an "out building"...We have no wifi and only a limited number of computers available for staff and students. I work with 1 student who relies on her I-Pad to calm her.......we can't even download any new material, much less connect to any websites.
That would be a whole new world for some of our students!
Not sure. I know education has evolved and technology is leading our learners..........which is why we need to have it available to all.

Dianne Erwin
North Lamar ISD
Stonw MS
Texas 75462

Teachers need faster internet.

Wendy Bozarth
North Lamar ISD
North Lamar High School
Texas 75460

We must produce technologically adept, literate citizens who make our country better & stronger. With faster, more efficient Internet service, our students can learn at a grater pace & therefore enhance our nation!

JERRY JARRELL
North Lamar ISD Library
Frank Stone Middle School
Texas 75460

Our district has over 3,000 students and almost 1,000 computers. We share band-width for Internet with the entire NE Texas region of schools, so you can imagine how slow our service is when the dozens of other larger and smaller schools are also online at the same time, which is typically 8:00-3:00 M-F. Our teachers cannot download educational videos during the school day because of the slow Internet service. We have to go early, or wait until after school hours, which takes us away from our families and other obligations. When we have online testing for state standardized exams, nobody else in the district is allowed to "get on" the Internet so we don't slow the test-takers down, or jeopardize their test time. We need funding for E-rate increased so schools have access to faster and better Internet service. Technology is not going to go away, so why would we just "make do" with what we have? It's like saying we aren't going to build more roads due to the increase in traffic; everyone will just have to learn to drive slower or at a different time than they need to be on the road. I think most logical people would agree this is not an acceptable answer to the problem. PLEASE find a way to improve Internet access for schools and libraries. Thanks.

As an educator, I could make better use of technology that students NEED to become familiar with in the workplace by showing them programs used by business and industry. I wouldn't have to wait until after school to download videos or interactive lessons, I could stream them live in class. As a librarian, I could have more access to live author chats via Skype or other online services instead of just looking at recorded interviews. More students could use the computers we already own at the same time, thus speeding up learning by not having to wait until there's an open lab available with Internet access. Larger Internet service such as Broadband would put an end to the stop-&-start issues we have when showing educational videos off sites such as YouTube education, Ted.ed, or Khan Academy.

We have had several instances in the past where Internet service in our region was interrupted for several hours, and even days, at a time due to a construction crew digging at the wrong site and severing a line. If we weren't all interconnected, if we all had individual access or satellite access to the Internet, these interruptions might not affect so many schools or libraries at the same time. Downtime would be isolated rather than widespread. More and larger wi-fi access would also allow schools to make better use of student-owned devices such as smartphones or tablets, thus savings schools some tech equipment funding. I know when I started teaching 23 years ago, computers in schools were still fairly uncommon. Over time, they have become essential to learning, administration, and teaching in general. I urge the FCC to gather and release funds toward improving Internet service to all schools and libraries in our country so ALL citizens can benefit from it. Thank you!

Evelyn Rivera
Orange County, Florida
Florida 32817

With the increase of Hispanic students at an all time high, it is indispensable that technology be part of the student curriculum. We have to give equal access to all students.

Rosa Feinberg
Florida 0

Lack of access to the internet for many of our neighbors and students restricts their opportunities and therefore harms all of us.

Nancy Skoczylas
Hazel Park Schools
Hazel Park High School
Michigan 48324

In order for all students to be ready for employment in the 21st century, students must have access to high speed internet services regardless of the economic level of the community or the financial status of the school district.

Beth Clarke
Beloit
Wisconsin 53511

Judith Holzapfel
Glenn County Schools
California 95963

This is the digital age . In remote or rural areas students don't have the luxury of having a specialty teacher at every school. Virtual classrooms bring equity to all California students,
Use more programs. Use internet more often. Faster assessment and data collection for individual instruction .
Up the funds to be able to get the connections and infrastructure to students, teachers and schools.

Rosa Munguia
Glenn County Office of Education
Tahama Street Children's Center
California 95988

Promote support for scalable, flexible and affordable fiber infrastructure solutions where it is feasible to meet current and future needs of schools and libraries.
It would be much easier if we could save time waiting to be connected. We could use our valuable time educating our children instead of waiting for the internet to download.
Lower the prices! it would make internet more accessible to our low income community.

Frank Heath
ECPPS
CO
North Carolina 27909

Student need requires more bandwidth to support wifi and fiber connections. This is the way students learn today.
Use more up to date resources and primary sources of information in school and out. This is the way students learn today.
Policy makers and state people who we submit forms to have access to our free and reduced lunch rates. They could prevent fraud and streamline applications by using this status to determine allocations to each district automatically.

Patrice Smith
Junction School District
Junction Elementary K-8
California 96073

The trend is high-tech and it will not return to pre-computer age. Our school needs help financially to be able to keep pace with the digital age.
I'm a librarian. I would upgrade our system to include e-books to lend to students. Initially this is very costly, but in the long run, e-books don't get lost, don't get destroyed & I can lend up to 6 tablets the same book. I can retrieve books that are overdue myself. In the long run, I won't lose $500.00 worth of books a year, due to theft, loss, kids taking books when they move, etc.
I haven't had the opportunity to use E-Rate, so I can't say.

Naomi Szekeres
Pensarus - Education
District of Columbia 20002

Schools are woefully ill-equipped to effectively utilize technology.
I would develop blended PD for teacher - proven to produce better results.
Not sure, it has worked for our school, Sela PCS - ED, Dr. Jason Lody.

James Sanders
Dept. of ED
District of Columbia 20002

It's imperative to the continued success of our country!

Melody Ipock
Mtn. View-Birch Tree RIII
Mtn. View Elementary
Missouri 65548

Our students are the future of our country. Currently our small rural school district does not have the funds to provide adequate technology for our students to be prepared for the workplace in a technologically advanced world.
Our lunch and library systems are internet based and we do not have the capacity to have all teachers and students on line when these systems are running. As a librarian, I would love to help kids learn about computers in a computer lab, show video segments from the internet to help kids learn about authors and books, allow kids to all do research using online tools at the same time, and allow classroom teachers to use Ebooks regularly.
I have not been aware of how the E-Rate program works. Most information of this type is simply sent to school administrators. Since the library is becoming more technology based, it would be great to have E-Rate representatives speak at conferences for librarians such as the MASL (Missouri Association for School Librarians). Emails could be sent to all librarians in schools with specific instructions for how E-Rate can be used. Librarians are facing a time in which the paper book on the shelf is being replaced with E-readers. Many schools do not have funding or policies in place for the use of E-readers in the libraries or as a way to replace the heavy textbooks our students are carrying in backpacks daily.

Nicky Huels
EverFi
N/A
Georgia 36830

I LIVE IN ALABAMA, but there is no "Alabama" option in the "State" drop down menu.

In order to gain the most college and career-readiness knowledge and skills, all students must have fast and reliable access to the Internet in schools. Too much learning goes unobtained simply because students are waiting for slow connections in school, or go to a school with no Internet connection at all. We owe our students to opportunity to prepare for the real world, and participating in online learning is a critical piece of their education that can't go ignored.

Sherry Skinner
Cossatot River School District
Umpire
Arkansas 71971

We can't get on videos without them buffering for most of the period because our distance learning lab takes what little ability we have.
We could use United Streaming videos as a teaching tool.

Annette Hays
Ouachita River District
Acorn Campus
Arkansas 71953

As a teacher in a rural school, I try to stay abreast with the latest technology since it encourages students to develop skills for the 21st century workplace as well as allowing me to make my lessons enticing and engaging. One example is my daily writing prompt for each of my high school classes called the Thought For The Day. I like to use media clips and links from various websites to trigger writing responses and encourage literacy skill development. Our school was finally approved for E-Rate increases, which will provide us 5 times our previous bandwidth. So far, I have noticed very little difference in our bandwidth and downloading or streaming ability. I have just received 6 new Chrome Books from our educational cooperative, purchased with Perkins Funds and intended to increase literacy skills through such projects as our CTE Wiki where we share project ideas with other schools and students correspond back and forth on these as well as debating issues. So far, we don't provide one to one laptops or chrome books, but I believe that day is rapidly approaching. Without the infrastructure in place, it will be a dismal failure. I would regularly use computers, laptops, chromebooks and iPads in class without fear that they won't work to accomplish a task in our short 45 minute class periods since we have adopted the wicked 8 period class day. As it is, I am a nervous wreck every time I use this type technology, worrying that I can't get access to the Internet!
Our tech support would have to answer that one; I know she wrote an application for E-Rate and it seemed to take a long time for approval...the line run near the school in anticipation of it and then put on hold over the summer because approval hadn't been received.

Thomas Brenneman
Kansas City Public Schools
Missouri 64106

We are an urban school district working desperately to improve educational opportunities for our students. Additional e-rate funds would allow us to provide improved Internet capacity, number of computers and improved classroom technologies.
Partner with other schools to share and exchange teaching ideas, classes and improve social opportunities for our students.
Provide tech tools to purchase only items applied for and to track these purchases with data that is checked and approved before the transaction is completed.

Renee Patton
California 95030

E-rate is the best mechanism we have to create true, digital learning environments that will equip students for the future.
Eliminate the P1/P2 distinction and provide schools with more flexibility, but clear guidelines, on how to use their funds to maximize the impact of technology on teaching and learning.

Linda Burch
California 94110

To ensure that every child in america can harness technology for learning! Let's close the digital divide!

Jess Modesto
Glenn County Office of Education
California 95988

Simply because the educational delivery landscape is changing so rapidly. The need for brick and mortar schools are rapidly diminishing. High speed internet access is critical to the delivery of instruction to all students and parents, particularly those in rural areas. For example, why is it that only telecommunication companies have internet access in rural areas for educational institutions. Why can't the Deparment of education, the federal government or each state be allowed to have a satellite that can provide connectivity for educational institutions.
Provide better outreach to high risk students and families that otherwise have to pay a premium for internet or do without. We should have available a instructional data package for mobil users and learning options.
Governemnt entities already have from telecom companies what they charge individual, business and government subscribers. Educational institutionas that can be viable, active and appropriately sanctioned by the state educational agency, should go a long way to providing the critical data needed to verify or document level of service and need. (API, Socio Economic, urban, rural, extremely rural, sq. miles served etc. Let's utilize the data already collected by state agencies. The appying agency must provide, submit or have on file an up to date educational technoloy plan that describes how they will utilize high speed internet access and how their plan could possibly be replicated ibn other like applications.

Abby LeGrand
Clark County School District
R.O. Gibson
Nevada 89197

For my students to be prepared for work in the 21st century, I must have a way to train them with 21st century technology!
I would be able to have an interactive class online which extends the learning from my classroom to my student's homes.
Parents should be able to sign up and qualify on the spot. They have so many forms to fill out for every other resource, there should be a common source that all resources can draw from.

Walter Wilkins
Laredo Independent School Distrrict
Dr. Leo G. CIgarroa High School
Texas 78040

Students need more access to these digital tools that are provided by high speed internet access. They need this advantage in order to compete in the real world.
It would allow educators to create more collaborative real world activities for their students.

Mary Viegas
Glenn Co Office of Ed.
Child and Family Services
California 95963

Promote support for scalable, flexible and affordable fiber infrastructure solutions where it is feasible to meet current and future needs of schools and libraries as well as support the use of Microwave and other fixed Wireless LAN solutions
Better use of technology in instructional applications where internet access is slow or inconsistent FCC should modernize the eligible services list to prioritize bandwidth capacity and classroom connections over all other services
Simplify the application process for schools. Encourage the FCC to promote private-public broadband partnerships and incentivize private and non-profit broadband solutions for e-rate funded school and library connectivity

Diana Perez
Glenn County Office of Education
California 95988

Please continue to support Education, State and regional networks that use E-rate to provide many varied services that assist schools and libraries and ultimately our students so they are prepared for the competetive environments in college and the workplace. Thank you.

Alice Cain
Teach Plus
Maryland 21403

As a parent and an educator, I believe that E-rate is essential to prepare our kids for the future. Please make sure ALL kids who need it have access. Thank you!

Jeannine Chambers
Seattle Public Schools
Washington 98103

School budgets as you are aware are sadly underfunded these days. Teachers understand how now only how fundamentally critical information resources are to teaching & learning, as everything goes over the Internet, but also that is the way homework & classwork is turned in to teachers & assignments are posted for students, not to mention building bridges via communication with families. Absolutely critical to life as we know it today!
We are already using it for daily access to resources for the classroom, historical primary documents in digital form, historical, science & math resources as well as communicating with students & families about classwork.
The e-Rate should be a part of every city's infrastructure for all public schools & public libraries wherever funding is insufficient (& that is everywhere today!) Please lmake Internet access possible for all schools & classrooms.

Joseph Higginbotham
ACSI
Tree of Life Christian Schools
Ohio 43224

This is essential for teaching in the 21st Century. Of what use is technology in the classroom if the internet speeds are so slow that they are worthless?
Access to more websites, especially of educational videos would be enhanced. When internet access is slow, it makes downloading and displaying videos nearly impossible or so halting with stops and pauses that they are beyond annoying, they are excruciatingly irritating.

Holly Pettitt
nevada City School of the Arts
California 95959

We have 1 T1 line for 400 students/staff. Among other things, it is impossible to show any CCSS videos in the classroom.
Have all students on iPads and have laptops in the classrooms. My teachers would have doc cameras and projectors.
Why do we have to submit such long and involved Tech Plans??!!

Britt David
Maryland 20906

Everyone needs to be able to have quick and easy access to the Internet. Libraries provide this to many people across the country (I have used this often when traveling). Students today need to be able to use computers in schools effectively to build the skills they need to succeed in the workplace.

Ken Bates
Green Lake
Wisconsin 54941

Demands keep growing and we need keep current.
Give simple instructions for applying and using it. Small districts have to contract with someone to apply and lose money to pay for the contract.

Mark Lonergan
California 90806

Students in our schools need consistent access to the internet. Some of the best programs they can access rely on reliable and fast internet connections. Without it their ability to be ready for college and career is jeopardized.

Jessica Barlett
EverFi
Maryland 20895

I work with schools throughout the state of Iowa with online critical skills platforms around personal finance, digital safety, alcohol abuse prevention, and others. 21st Century Skills are important for today's learners and it is frustrating for both teachers when they can't properly leverage today's technology to engage their students and frustrating to students when their online access is limited or painfully slow.

Jeanne Gren
Taylor County Schools
Flemington Elementary
West Virginia 26347

We have to prepare our young students for the world they will live in. We must have the tools - and access - to be able to use them!
We are lucky to have what we have in West Virginia! But it is so difficult to keep up with the changes and keep everything working. Children need to see school as relevant to their lives now. And we have to be able to show them at least a little of the possibilities for their future!

Roberto Herniman
Glenn County Office of Education
California 95988

I am writing the FCC to voice my support of the changes to the E-rate program that I have outlined below. Glenn County Office of Education is located in rural Glenn County, Northern California. I have 4 Schools in multiple sites throughout the county, and serve approximately 375 students of our own. Through WAN links, we provide internet access to 6 out of the 8 school districts in our county. These links provide internet services to online educational resources to approximately 3,500 students and 150 teachers. Through the years, E-rate support has been critical to my school district's ability to bring technology access to our school. However, with the transition to digital instructional tools, new online applications and computer adaptive testing, we have not had adequate access to funding to support our students and teachers access to these resources.
E-rate has been a tremendous help and is critical for our schools and libraries as they transition towards 21st Century learning environments. As it currently stands, the E-rate program is severely underfunded and has numerous complex rules and steps resulting in a significant share of districts that decide to contract with consultants in order to safely navigate through the program. We encourage the FCC to improve the E-rate program in the ways suggested below. E-rate continues to be essential for the schools and simply needs to be modernized to keep up with the modern times. I sincerely appreciate the opportunity to make comments on a program that is vital to help our deserving young student's educational growth and prosperity as we move forward in the 21st Century. Without this program, we

would fail to give our students in Glenn County the equitable access to technology and online resources that is accessible to their peers in urban areas across the country.
Simplify the application process by: (NPRM Â¶ 179-185)

1.   *Collect free/reduced lunch of total student population data at the district level (not campus or building level);*
2.   *Make LOAâ€™s and Form 479 submission for consortia a one-time occurrence unless a school district or library drops from, or joins, a consortium or changes its CIPA compliance policies;*
3.   *Train and designate consortium reviewers to expedite the PIA Review process so that a funding commitment is issued not later than six months after the application window closes;*
4.   *Require PIA review of long-term contracts only once and then validate every year thereafter via invoices for the duration of the contract.*
Promote support for scalable, flexible and affordable fiber infrastructure solutions where it is feasible to meet current and future needs of schools and libraries as well as support the use of Microwave and other Wireless LAN solutions. (NPRM Â¶ 67-70)

1.   *Terrestrial buried fiber followed by overhead fiber is preferred, whether dark or lit fiber;*
2.   *Microwave and wireless is acceptable.*

Include Internet2 or R&E network access, particularly Commercial Peering Service, as eligible e-rate costs to improve service quality of connections. (NPRM Â¶ 18; 28; 190; USC 254 (b)(1))

1.   *Commercial Peering Service is a faster, less expensive Internet source than commodity Internet, but is currently not an eligible service because it cannot be competitively bid.*

Encourage the FCC to promote private-public broadband partnerships and incentivize private and non-profit broadband solutions for e-rate funded school and library connectivity. (NPRM Â¶ 164; 75)

Increase the current E-Rate funding cap to allow for schools and libraries to achieve the goals laid out in the ConnectED initiative. (NPRM Â¶ 58-60; 67-70)

1.   *Raising the cap should be considered only as part of an initiative to push through the barriers that remain to affordable and scalable high speed networks.*

2.   *Identify capital projects for funding that exhibit the greatest likelihood of reducing long-term demand/costs for Federal USF.*

3.   *Address demand pressure by refocusing eligible services on broadband â€œconnectionsâ€   to students, educators, and patrons.*

FCC should modernize the eligible services list to prioritize bandwidth capacity and classroom connections over all other services [i.e., digital transmission service, fiber and dark fiber service, fixed wireless access and internet access]. (NPRM Â¶ 248-249)

1.   *Application services should no longer be funded. This would include web hosting, email, broadcast messaging service, or any service that could be hosted in a â€œcloudâ€ , with the possible exception of VoIP services since there are many advanced interactive capabilities integrated into this form of â€œvoiceâ€   service.*
2.   *De-prioritize non-IP based services including cellular.*
3.   *Allow Priority 1 funding for network access components, required inside wiring, and wireless access points (formerly Priority 2).*

Research and Education, state, and regional networks use E-rate support to provide many varied services that assist schools and libraries. (NPRM Â¶ 186; 190; 28)

1.   To achieve enhanced network efficiency by employing such strategies as dynamic routing protocols, state backbones, traffic shaping, caching servers, commercial peering services, private cloud storage, etcâ€¦ - that improve the reliability and quality of connectivity to schools and libraries and lessen their dependence on commodity Internet.
2.   To achieve greater cost efficiencies through aggregated purchasing of Internet access, statewide master contracts for WAN circuits, dark fiber and lit fiber backbone build-out projects, and enterprise agreements for network management and monitoring software.
3.   To form a community of formal and informal education providers such as schools, libraries, science centers, museums, aquaria, and cultural centers that work together to develop and deliver rich educational content and programming to schools and libraries over the networks.

Encourage FCC to restructure USAC data collection and reporting on connectivity type, bandwidth amount, cost, and vendor information to measure availability and affordability. (NPRM Â¶ 52-54)
1.   Reconstruct the Form 471-Item 21 Attachment to collect the individual circuit, Internet bandwidth, and student population data needed to determine under-provisioned and under-served areas, as well as high cost service areas.

Thomas Hoffman
Mingo County Schools
Mingo County Extended Learning Center
West Virginia 25670

To assure that all children Prek-12 and adult students in Career & Technical Centers have high speed internet access. this will enable our students to have the opportunities to gain skills to compete in the global economy.
Ensure that my students will use the internet resources and to get greater project based learning opportunities.
More professional development is needed in the use of new technologies and how to get and use the internet resources that are available.

Sidney Pierce
Reeds Spring Schools
Reeds Spring Intermediate
Missouri 65737

I have one computer with internet access for over 170 students. Imagine that ratio for members of Congress, would that be acceptable? I had a student teacher last year who had to go to McDonalds to get online on their own laptop to prepare for his class. If only my students could drive, I'd send them to a fast food burger joint so they too could be connected to the internet. Why is it that this is acceptable in the world's richest country? I teach in a high poverty area. It's sad to say, but our students do not have access to information that more affluent districts have...that fact alone shuts the door of opportunity for many of our kids. The value of a public education should not be dictated by a student's zip code or should it?
I would have students working together to create projects. I envision grouping students in various classes to create projects that require problem solving, critical thinking and communication skills. I especially embrace the idea of sixth graders using tablets/apps and I am mindful of Bloom's Digital Taxonomy and use those apps as a guide on day one.

The infrastructure is overwhelming financially for a district such as the one I work in. To get technology into the hands of students without breaking the bank, I would use a ratio of 4:1 or better yet 2:1. Having student taking turns and working together on the devices could save money, while introducing our students to the use of the internet/apps in the classroom. Instead of me modeling how to research something or take notes, etc. on my computer while the students sit at their desks and follow along looking at a projection of me working.

Michael Fee
California 95616

Kids in affluent areas shouldn't be the only ones to have broadband access!

Jill Carraway
North Carolina 27858

Our students need easy access to the wealth of information on the internet as part of a good education so that our country can remain competitive in the world market.

Sally FitzGerald
League of Women Voters of Georgia
Georgia 30350

in the 21st century, all kids need to be exposed to digital communications and the money has to come from somewhere. Might as well expand an existing source.

penny burgess
Cossatot River
Umpire
Arkansas 71971

As a school nurse, I have to keep all my records on the computer, connecting with the internet is vital to my job. better, faster, internet service means I can do my job better and provide better services to my patients!!!

TJ Chipres
Blessed Sacrament School
Virginia 22302

If we are to have a strong economy, our students must prepare today to lead our world tomorrow. Technology is a linchpin to commerce. Without high speed access, students cannot acquire the skills they need to lead.
Our school is fortunate enough to have high speed internet access. However, the cost of that access comes from our sparse technology funds. If such access were provided for us, we could shift our funds to cover 1-to-1 computing.

Renee Moore
NBPTS
Mississippi Delta Community College
Mississippi 38761

For many of the schools and districts in rural Mississippi where I live, E-Rate is essential for providing internet access. In many of our communities, the school is the only place where students and parents have access to the Web. I have adult students at the community college who still only have dial-up access at home!
I have been integrating online collaborations as part of my English classes at the high school and now the college level for many years, even when I had to send the students' work from my house because we were not wired at school. These collaborations have produced some of the most successful, meaningful, and deeply learned reading and writing I have ever seen. Until now, I could only do those maybe once a year or once a semester due to the logistics of internet access. With greater access, online collaborations could become an integrated part of the writing and literature courses. The possibilities for my Mississippi Delta students are breathtaking.

Kim Alexander
Cossatot River School District
Umpire High School
Arkansas 71971

I am a business teacher in a rural school. My students have internet access but are very limited as to the extent they use it due to our low broadband width. We are required to use technology in all of our classrooms but just watching a video can be frustrating. My students should not be penalized because of the area in which they live.
In our school, we could use so many more resources that require internet usage.

Neil Jeter
Troy ISD
Troy ISD
Texas 76579

As a small, rural school district, we need assistance in providing technology resources to our students. We are seeking new, innovative programs to improve instruction. Almost all new programs are on-line, requiring significant bandwidth.
In order to navigate the application process, we hire a consultant. A simplified process would save time and money.

Marny Sumrall
YouthTruth Student Survey
California 94949

Technology is not the answer but it IS an enabler.
Adaptive computer based assessments are a more meaningful way of judging mastery and targeting interventions more effectively. We need schools to have affordable, reliable access that is not hard to get.

Kelly Krause
Knob Noster R-VIII Schools
Knob Noster Middle School
Missouri 65336

Our students are in a small rural school, and the Internet is their window to the world. Faster Internet speeds will allow them more access to global connections to students in other countries, enable them to use social media to increase their communication skills, and get them ready to compete in our global society.
I would look for more opportunities to Skype with classrooms from other countries. We would also be able to send bigger files such as high-quality videos to other places besides just within school, thereby enlarging our students' audience for their creations.
Not sure about this one since I'm not directly involved in the process for our district.

Romaine Sanders
Ft. McCoy School
Florida 32134

All students must have an equal opportunity to succeed in today' world of technology.

Tara Hixon
Cashion Public Schools
Cashion Public Schools
Oklahoma 73016

Students do not have the technological resources they need at home. The 'digital divide' between the tech haves and have-nots is becoming a chasm that will be increasingly difficult to overcome.

scott drossos
Pearson
California 95762

As the creator and leader of the 1:1 Learning Framework I have been deeply involved in assisting schools and school systems make complete digital conversions. Effective digital learning allows for greater personalization of learning, individualized instruction, higher student engagement and greater college and career readiness. One of the barriers to achieving these things is high quality, ubiquitous network access. The 99 in 5 E-Rate proposal will dramatically improve learning for our children and accelerate positive instructional shift. It will also act to equalize access to learning for those who have limited financial resources.
E-Rate should ensure that every school in America has high quality network access and can receive that E-Rate support simply. In Huntsville AL, one of the largest digital conversions in the US today, they are still waiting over a year after submitting their E-Rate application, to receive their funding. We should be making it easier for those who are willing to lead the way to digitally transform their school systems so they can access the necessary resources to support their transformations. Something is wrong with this picture and it should be corrected.

Daniel Hash
New York 12202

If we are getting students ready for college and careers, they will need to be digitally proficient. Integrate distance learning opportunities.

Celeste Cusumano
California 93650

If ALL American students are to achieve higher college and career standards and personal goal to compete globally, then ALL students must have access to broadband connectivity---safe and reliable connections are a must! This is a national equity-issue.
I would integrate technology into my instructional program thereby readily engaging students and providing them access to our new "world community of learners norm"---anywhere, anytime, anyone learning!
Recommendation: one page application process for districts--- think "simplexity"! Thank you!

Christina Moreno
Arizona 85710

Funding for e-rate must be increased because students who are not learning for at least part of their day via the Internet, being guided by high-quality instructors are being left behind. Other nations have full access to the Internet and their students are prepared for the 21st century. U.S. students should be, too.

Michael Oliver
Kentucky 40509

Our students are missing out on critical resources that can improve the quality of learning that goes on in classrooms. How are we to prepare kids for the digital age if the very classrooms that they are learning in aren't equipped for the digital age that we are preparing them for?

Kelly Sorensen
Alaska Department of Education
Alaska 99801

Communities that are located in isolated regions have few ways to view the world. Internet is their lens to the world, it is how they learn, develop, and provide for their communities and families. Access to internet is like access to sewer and water systems, it is a part of the infrastructure of modern life.
Video streamed lessons that are differentiated for each students, virtual field trips, video conferencing worldwide.
Get rid of all of the paperwork, and focus on the data.

Anthony Kim
Education Elements
California 94107

Most of the schools don't have the proper infrastructure to support technology, including lack of low cost bandwidth and wireless access.
Yes, we need to support SaaS software as well and move everything to the cloud.

Mary Alber
WCSD
Earl Wooster
Nevada 89511

Our student's abilities to engage in learning and achieving to levels that assure success in today's economy REQUIRE full access and connectivity to the expanding wealth of ditally enabled learning resources. PLEASE make this a priority investment for our nation so we can ALL thrive in the 21st century!
Encourage students to progress at their own pace to mastery of the fundamentals - to experiment with many fields and disciplines so that they can find their passions and talents early and pursue them joyfully and creatively!

Heather Staker
Clayton Christensen Institute
Texas 78727

Students need access to the vast learning opportunities that are available outside the walls of their classrooms.

William Carter
Columbus
Ohio 43219

Ed Kennedy
Grand View D11C034
Grand View
Oklahoma 74464

School district funding at state and federal levels continues to decrease. Access to technology will be a tremendous wedge in the "haves and have nots" in America if e-Rate funding is not increased. Schools that have invested $$ in hardware & software will be left holding technology with no equity if e-Rate funding is not increased. Schools that have moved from textbook-based instruction to e-books and that use e-learning will be set back years.
Movement to more student-centered, project-based learning that drives critical thinking, creativity and deeper content knowledge... just as Common Core initiatives are promoting.
e_Rate is mired in layers of bureaucracy. We were subjected to a full-blown e-rate audit. During that time, we learned that the right hand has no idea what the left hand is doing: e-rate auditors were asking for documentation in ways that was contrary to what e-rate applications and procedures require. in Other Words - They were asking for a map of Los Angeles, yet when we applied for e-rate we followed the map of New York City. Our audit results were spotless, but the extra work created for our school and both e-Rate agencies was extensive because the guidelines were so different. Our Federal Programs Director was even invited by e-Rate administration to present at a national conference to outline the expectations of an audit vs. the data reported on an e-Rate application.

Caroline McCullen
SAS
North Carolina 27607

We need the brain power of ALL of our students in order to make our economy grow. We can't expect teachers to prepar students for careers of the future in schools that are equipped with tools of the past.

Michael Twyford
Coconino Ass. for Vocations Industry And Technology
Page High School
Arizona 86040

The Priority 2 funding calculation was designed to sustain infrastructure where bandwidth was available, not provide or increase bandwidth where it doesn't exist or is insufficient. Rural communities are not receiving the funding they need thru Priority 2 to develop bandwidth. Consequently the whole E-rate program is underutilized by rural school districts. If there's no bandwidth, there's nothing to spend E-rate funds on! E-rate needs to refocus and make providing bandwidth to rural communities a top priority. The urban community already has educational opportunities at every turn, community colleges have campuses where students can attend classes in person. The rural communities that are fortunate enough to have a college campus have very few classes to choose from. This is where E-rate is has the potential for "greatness", provide bandwidth to rural communities so that classes can be broadcast from other locations and substantially increase educational opportunities for those isolated students. Case in point: a Phoenix, AZ high school built their own microwave network with E-rate funds and connected all their high schools to the National Lambda Rail, very nice. Now they are connecting to a teacher in China so that their students can learn Mandarin. Meanwhile, Page, AZ students don't have enough bandwidth at their high school to watch instructional videos online. So I ask, "What is E-rate doing for rural American students?"

Tracy Hill
Enterasys Networks
Kentucky 40403

ple comments:

I'm a service provider and I'm frustrated with the priorities as outlined in the current E-rate program. Fourth grade teachers can use cell phones with data plans, all paid by Priority 1 E-rate funds, but their 4th grade students can't learn, because there is no Priority 2 funding for wireless. This doesn't make sense. I support the proposed changes to focus on delivering learning to students, including prioritizing Internal Connections funding.

Students are frustrated! They have the devices to get on the Internet, but it's like owning cars without wheels, since the schools can't afford adequate wireless. Internal Connections are vital to learning. Please reform E-rate to prioritize internal connections to districts. All kids need the opportunity to learn! It makes no sense to fund Priority 1 and not Priority 2. Schools can't afford to build a digital learning environment with adequate wireless for today's classroom. Our kids need wireless access to be competitive. Please help our kids succeed by totally funding Priority 2 Internal Connections for onsite wireless.

As textbooks are replaced with digital version, the dependency on updated infrastructure is a necessity that cannot continue to be overlooked. Unfortunately with the current E-Rate program, priority 2 funding hasn't been available to afford most districts to upgrade old infrastructure. As a result, engaging students with 21st century learning is at risk. I support changes to the E-Rate program to fund internal connections desperately needed in many of our schools across America.

dale martin
splendora isd
peach creek ele
Texas 77372

There is great potential in digital learning. As a former coach I know that potential will get you fired because you have achieved anything yet! Without federal support and incentives we are depriving our most fragile learners from the opportunity of digital learning. A highly educated workforce with technical knowledge is critical to America's economic future!!!
It allows teachers to extend the learning experience by flipping the classroom and letting students learn the basics on their time while the teacher concentrates of facilitating authentic projects that require collaboration.

Sandra Mittelsteadt
California 93311

Knowledge is on the internet and to be truly knowledgable, one must be able to research on the internet. I'd have more research projects.

Rodney Wright
Pike County
Shelby Valley
Kentucky 41501

If we want our students to succeed in the future, we have to give them the opportunity to work with current technology now. We are not able to use most of our tablets at once due to lack of internet access.

Holly De Leon
McGraw Hill Education
Texas 78704

Our students must be competitive in today's marketplace.
Launch full digital curriculum

Tyler Brandt
EverFi
Iowa 50023

Students and educators need access to the technology that states are mandating they need to be taught! It's irresponsible to mandate the teaching of 21st Century skills and digital skills while only providing the capabilities to teach at a 20th century level.
Access educational apps that enhanced the learning for students with varying learning styles. use the most up-to-date information available. Immerse students in the real-time processes of court rooms, senate hearings, surgical procedures etc...
I would hire state representatives to manage grassroots efforts to build support and additional revenue streams. Nothing is more effective than boots on the ground!!

Doug Abend
Rich Hill R-IV School District
Rich Hill R-IV
Missouri 64779

Please give us more choices for high speed internet in our local communities, schools, and homes, especially in rural areas.
Oh, the things we could think if only we had better access to high speed internet choices. For example, we could access STEM resources and do project-based technology lessons such as designing an airplane that can fly on Mars.
Make it easier until the school secretary can understand. Then it will get done.

Don Grosdidier
Eudora USD 491
Kansas 66025

Schools are struggling across the country to provide the needed infrastructure to provide students with 1 to 1 access to the many resources of the web. If we truly want our students to move into the digital age we must provide schools with the necessary resources to make this happen.
Provide each student with 1 to 1 access on a daily basis.

Susan Frost
Indian River County
Vero Beach High School
Florida 32963

Efficient and fast internet service has been the goal of the E-RATE from the beginning. As predicted the internet is as important to our teachers and students as the public library was in the last century. But slow connections are like outdated books...of little value to today's user. Expanding the E-rate and improving its efficiency is a critical component of equal opportunity for all of America's children. Please support the increased funding necessary to meet these goals.

Charleen Spencer
Tarkio R-1 School District
Tarkio High School
Missouri 64491

With the shift toward incorporating significant amounts more media in the classrooms, we need the ability to keep up with that demand within our internet broadband.
I would be able to view more videos pertaining to content discussed in class to help them visualize the historical events within the timeline of the stories we read in English classes. Then have a threaded discussion online to ensure that students are learning from each other as well as from me and the video.

Cheri Bills
Western Wayne Schools
Indiana 47327

Yes, high speed connectivity is a must in today's society.

Kathy Scott
Learning.com
Maryland 20623

Publicly funded school districts do not have the ability to increase revenue to support infrastructure at the speed of sound like for profit businesses.
Seamlessly integrate technology to engage students with instruction for relevant application.
Fund based on enrollment - per student.

Laura Mayfield
EverFi
Georgia 30306

Teachers and students get frustrated with slow access to the internet. If we want to save more money on textbooks, we have to give them the access for an efficient learning alternative.

Floyd Wygant
Kennebec Valley Consolidated Schools (AOS 92)
Waterville Public Schools
Maine 4901

While our school enjoys a very good high speed Internet connection many schools do not. Those schools and their students are sidelined from the fast moving news and information that is vital for a modern education and good citizenship.
I am not deeply involved in the process; however, the time and effort put into the 3- and 5-year plans is tremendous. It seems that a structure that asks: 1. what progress have you made from your previous goals, 2. what goals have you achieve, and 3. what new goals have you set; would be an easy addendum to submit for a previously approved plan.

Lynne Carlton
Cabrillo Unified
El Granada & Alvin S Hatch Elementaries
California 94019

In order to prepare our students for college and life today it is imperative that children, at all grade levels, have access to internet based learning. The lack of funding to our public schools across the country is unconscionable. Minimizing (or eliminating!)the cost of this fundamental service to our schools should be our policy maker's job. Please support this.

chris hieber
MA ESE
Massachusetts 2148

Our nations needs to have an effective broadband of 1 GB in order to meet our future needs. Many other nations have developed the high speed capacity in order to support their economy and meet the needs of their citizens.

Linda Johnson
CCPS
Riverdale High
Georgia 30274

We live in a digital age and to compete in the global market, our students need to know how to effective use digital tools.
Integrate technology on a deeper level to make the educational process more positive for students.
Allow rural and financially struggling districts to utilize available technology to improve education, communication and collaboration.

Bria Barker
District of Columbia 20036

To make sure all schools have equal access to the endless opportunities that technology provides for learning.

Theresa Henry
Robla
Glenwood
California 95838

Testing on computers, IMPOSSIBLE with the internet connections we have today!!!!!
Open the world to students that have NEVER left their own neighborhood.

Moll Nelson
Tarkio R-1
Tarkio Elementary
Missouri 64491

So all students can be on at the same time and working at an acceptable pace.
chuck routhier

manatee county school district
sugg middle school
Florida 34209

we need it.

Deborah Julian
Corsica Consulting
Maryland 21617

In order for our children to be well prepared to enter the 21st century workforce they must have reliable and affordable access to online resources. Students on the Eastern Shore of Maryland, where many of our lawmakers spend their weekends and vacations still do not have access to the broadband internet. I am workiing with a potential blended learning charter school that wishes to open on the Eastern Shore, but desperately needs E-rate funding to make that happen. Many needy children in that community have no internet access at home; school will be their only avenue for what this type of learning can provide. The advent of Common Core State Standards and the accompanying PARCC assessments are critical if we are to be a competitive nation that gives its children a world-class education. Resources available online are expanding daily, but many schools can't begin to use what is available to improve teaching and learning. What is most important in this country? Well-educated citizens who can move our country ahead, care for its elderly and infirm, and continue to be that truly democratic presence in the world. Go to the experts - ask Bill Gates and Mark Zuckerberg! Ask the innovative blended learning charter school leaders. Ask NewSchools Venture Fund - supporters of education entreprenuers. These folks alone could pull together just the right people to make this happen, simply and efficiently!

Susan Gendron
International Center for Leadership in Education
Maine 4071

As a former Commissioner of Education and a state that has been a leader in integration of technology I know first hand how critical high speed broadband is to enabling students to have the resources they need to facilitate their learning at their finger tips.
Cynthia Larsen
Massachusetts 1740

Our students struggle with limited bandwidth which greatly limits their ability to develop digital learning skills that prepare them for their professional future.
Create more opportunities for students to collaborate and communicate with experts and each other. Using online programs would allow students to receive immediate feedback and allow teachers to create effective assessments and really use data to make informative decisions about their teaching practice. Cut down on the paperwork!! The documentation process is so time consuming and a drain on a school's resources. Our telecommunication and Internet bill is what it is! Just reimburse us the 40% without having to go through mounds of forms and letters. It is so complicated schools end up hiring consultants to do the bulk of the work which takes away valuable dollars that could be spent educating our students.

Leo Maxie
Chicago Public Schools
Manley H.S.
Illinois 60417

A more informed public will make a more productive nation.
A better chance for students to gain a global perspective of the need for increased skills in science, technology, engineering and mathematics.
Create a national standard for access.

Tammy Wincup
EverFi

District of Columbia 20007

EverFi is an education technology organization that provides engaging digital learning on 21st Century skills. Students, who are digital natives outside their classrooms, need to be digital natives inside their classrooms.

No pipe, no innovation in schools. It's time.

Judith Morrison
North Tama County Community Schools
Iowa 50675

Our schools in the rural areas do NOT have fast Internet access. More and more websites are graphics intensive. Educational sources are including more videos for use in class and those take time to download and may break up before they finish.
We would have more capability to access the resources that I mentioned above.

Tyra Little
Falcon District 49
Colorado 80922

It hurts students in today's technological world to not have access to internet based programs. School budgetary items are stretched enough without this being and added concern.
A majority of our specialized programs, student portfolios and mandatory testing is internet based. We have a difficult time when we do these things in groups, which is how they have to be done, because our internet gets bogged down due to traffic issues.
Lot of people don't even know this program exists. Better advertising is crucial!

Rebecca Wells
Mad River Local Schools
Spinning Hills Middle School
Ohio 45432

Our library program is internet based. When the internet is slow or down, the checkout process stops. Students and staff go without materials to read or support the curriculum.
Many curriculum spporting sites are available to those that have higher speed internet. Our school has a broader bandwidth than years ago but still very slow access especially when 100+ students are working on computers at the same time.
It's hard for students to complete assignments when the internet is too slow for 100+ students to work at the same time. As an educator, it is more frustrating to see that time wasted. A lot of material needs to be covered and mastered during a school year so having internet issues slows the learning process and reduces the amount of time students have to complete assignments. Those assignments become homework that should have been done in the classroom.

Melanie Kuhn
Boston University
Massachusetts 1028

If all students are to succeed with the Common Core State Standards, they need to have access to the best information available. Since many students only have Internet access through school, it is critical for them to have the best access through school.

Lori Shiver
Polk County Schools
Cedartown Middle School
Georgia 30153

Among the students in my title one school very few have a computer at home. Many students need the use of public and school library computers to do research and complete school assignments that are increasingly submitted electronically.
We would be able to offer tutorials and extra enrichment online that the students could stream before and after school. We would be able to make use of the flipped classroom model to enhance critical thinking. I think that it needs to be advertised, that many counties and schools that would most benefit don't know about it.

Jane Speight
Richland One School District
W.A. Perry Middle School
South Carolina 20204

Technology usage is mushrooming in our daily lives. Schools must be preparing students for this real world reality. Our middle school is becoming a STEM school and we will move toward 1:1 computing for students this year. It is essential for schools and libraries to have the greatest access to internet in order to prepare students for ever-changing careers and lifelong learning.
We are beginning to use online textbooks which can be updated more quickly. Our STEM (Science Technology Engineering Math) uses online services and websites for engineering projects, robotics development, medical technology and more. Also, we are adding more eBooks for students to access on their mobile devices.
I am not sure as I do not know all of the E-Rate requirements. I do know that teachers and students need to have access to many online websites which often are blocked. There needs to be a simple way to watch where students and/or teachers are and send a warning to a tech supervisor or block the site when someone is on a questionable website.

Rebecca Moody
Pitman School District
New Jersey 8071

Our students are struggling to keep up with digital learning progress without access to tech and the outside world.
more digital learning; breaking barriers of physical space with the global community

Victor Caroscio
Montgomery County Public Schools
Maryland 20853

Teachers and students need to be able to learn and create using the technological resources now available. Internet access is the key. As more and more devices make their way into classrooms, we have to ensure that our students can access the Internet to be creative in their use technology to do more than just learn and recall facts. They have to use the tools at their disposal to apply their knowledge, create meaning, solve problems, collaborate with others, and connect to the global resources the Internet provides.

Gerald Huff
California 94707

Schools need high bandwidth to enable personalized computer based learning for all students

Marsha Hauser
Edgewood-Colesburg CSD
Iowa 52042

The children at my elementary school have trouble accessing e-books and using online databases because of our poor internet connection. We have access to high quality software and hardward, but are thwarted by our internet connection.

Jim Ross
21st Century Digital Learning Environments
Michigan 48094

Future American Global Competitiveness will be directly reflected by the Equity for all to Broadband Access!
Richer, wider and deeper engagement "possibilities-thinking."
Make E-RATE a National Legislative Policy Imperative!

Jeff Hendrix
Sunman-Dearborn Community School Corporation
Indiana 47012

For many years, public schools have been struggling with the ever expanding and changing world of technology. With the increased demands on educating students to live, work and exist in a digital world, public schools have worked to give students the necessary skills to be technologically literate. With that in mind, public school budgets in areas of technology are continually reduced at the state level, and it is more important that ever to provide more technology opportunities to our students. That is why we need to increase funding for E-Rate. Thank you!

Dennis Myhand
Edna ISD
Texas 77957

School districts cannot afford the level of technology they are being forced to use. Funding for schools and programs to help schools must be increased in order for our students to have a fighting chance in the world to come.

Wayne Workman
Lyon County School District
Nevada 89447

We need to meet students in their world. They are digital natives and we are digital immigrants. We are trying to prepare them for jobs that don't even exist. Therefore, it is imperative that we give them the exposure and tools necessary to gain 21st Century skills such as creativity, collaboration, communication, and critical thinking.
Project based learning with inquiry and problem solving. We must allow our students access to global education so they can be competitive with their counterparts.
Get rid of all the red tape. High speed internet should be a utility just like water, sewer, and electricity! We should pay a small tax collectively to make this happen.

Kevin Green
Genesee School District
Same
Michigan 48437

With the new requirements of online classes and smarter balanced assessments our school needs to drastically up grade our network infrastructure.
This would give us the ability to increase our on line learning intiative and flipped classroom project. Additional oportunities for education in tech departments and business offices.

Mark Young
Letcher County Schools
Martha Jane PotterElementary
Kentucky 41858

It is vital to the success of students to be able to access and use technology without limitations!
It would be ideal to use laptops or ipands to access information during class.

Laura Boucher
Clague Middle School & Skyline High School
Michigan 48105

We need to keep our students and teachers competing academically at the highest level with the latest electronics and services available.

Bob Thompson
Minnesota 55419

The internet is critical for learning.

Janet Eskins
Farmington Municipal Schools
New Mexico 87401

With the funding to schools in general diminishing and costs increasing, schools need this increase in funding to be able to provide the access needed for students to get the 21st century skills they need to be successful when they leave school. Without these skills, we won't have a work force that can compete globally and strengthen our economy.
I would have student collaborating globally, doing expanded research beyond what's available in school libraries. Students would be creating products using information and resources they never would have been able to access without high speed internet access. Students would be doing more project/problem/challenge based learning.
I am not involved in our district's E-Rate process.

Curtis Pease
Tarkio RI
Tarkio RI Schools
Missouri 64491

Students waiting for web pages to load is not productive. They become irritated and upset that our internet is so slow.
Push for a 1 to 1 program.
That is not my field

Anna Allebach
Galveston ISD
Ball High School
Texas 77550

Our school provides free or reduced lunches to 75% of our students. These students cannot afford to buy computers, much less pay for internet service. Our school is poor so we do not have enough computers, much less enough for all our students. The state of Texas wants to go to digital texts and digital testing. It will be quite challenging for our school to reach those goals.

Heather Johnson-Mills
Randolph County Schools
Eastern Randolph High School
North Carolina 27316

It is very frustrating to have a class in the media center attempting to complete an assignment and the network is continually slow, freezes, or goes out completely. It means time off task for students when they could be utilizing every minute of class time.

Ken Jones
Clinch County GA
Georgia 31634

E-rate has provided our school system with equipment for technology that we could not possibly have afforded. There are many locations whose needs still need to be met. Please work to make Internet access equitable for large and small communities.
With so many of our educational software programs being "cloud" based, rather than on local servers, our schools' use of Intenet is increasing. The increase of bandwith has helped, but will contine to be a growing need.
I do not do any of the application process so I am not familiar with this. Our school system tech person does this.

Jill Besler
Maquoketa Valley Schools
Delhi Elementary
Iowa 52223

Our students need access to high speed resources.
Activities in classrooms will go more smoothly because we will not have "wait" time.

Lee Smith
DeQueen-Mena Education Service Coop
Arkansas 71841

Rural student are being left out of 21st Century learning and short on 21st Century skills. The large telecoms are squelching our schools ability to teach and learn.
I would use high speed Internet to teach independent research skills too improve content relevant reading and writing. This would be a college/career ready requirement being met. I would also teach organization strategies that will help students as independent learning in college or at work. Furthermore, in my role, I would be able to add technology related programs of study in rural schools leading to more employment and entrepreneurial opportunities where proximity is not a limiting factor. Base the allocation upon need instead of socioeconomic factors. Assess connectivity and pour funds into areas that are limited. Provide engineering expertise to make the connection happen.

Kim Gangwish
Nebraska 68133

Technology is a necessity in today's world. To prepare our students to be globally successful, access to technology is a must.
Technology is used daily to instruct our students, but we cannot afford for all students to have the hands-on training that they need.
Please don't attach qualifications to internet access. The requirement of filters is a detriment to teaching online social citizenship.

Marge Mott
Education Consultant
Ohio 0

It is more important now than ever that schools and libraries have increased funding for high speed internet. I have helped to start two very effective charter schools for inner city students in Dayton OH as well as provided field support for early college high schools in Ohio. Most students in these schools do not have access to the internet at home so must rely on schools for research and study time. All of these students are college bound - I repeat, ALL of them. For the educational advancement of our students and for economic advancement our country, we need to provide our students with every advantage we can. Therefore, I support increasing funding Erate. Marge Mott

Nancy Papapetrou
Suwannee Schools
Suwannee High School
Florida 32064

It is imperative that all schools have fast, easy, access to the internet so they may be 21st Century schools. So much quality information is available if schools have swift systems capable of downloading and streaming information into the classroom for presentation and for research.
Incorporate the use of quality streaming, databases, and downloading information so it may be presented in classroom setting.
I do not know enough to properly answer this question.

Peggy Bayne
Transylvania County Schools
Rosman Elementary
North Carolina 28772

Internet connection speed is crucial for teachers and students time management.
Logins would be faster and we would not waste time with slow connections.

Dawn Crawford
Knovation
Ohio 45069

The reasons our forebearers placed such an emphasis on rote memorization of facts and low levels of cognition in education was because of the scarcity of information. Libraries, books and even printed material were rare and precious. Being able to remember facts and details, and categorize information was central to being well educated. We now live in an era of information overabundance and supersaturation, where more facts, ideas and documents than we can possibly reember or interact with are available at our fingertips, 24 hours a day. We must make that information available and change the way schools, districts and libraries help us process and make sense of our world with information literacy, media literacy, new digital curriculum instead of flat/outdated textbooks and new teaching approaches that utilize all the productivity/creativity/literacy skills students will need to be citizens and help our nation flourish.
EVERYTHING - I would improve the curriculum that is covered, the pedagogy of instruction, the efficacy and agency of learners, the way learning is assessed and the way the education world interacts with all other facets of our society to benefit our learners and communities.

Justin Cunningham
Bonsall Unified
California 92003

It is critical for our graduates to have the tools required to compete in a global market. This needs to be done to defend the future of our nation.
We have already shown remarkable success by applying technology to provide deeper assessment, personalized/blended instruction and digital curriculum. Our momentum has exponentially increased the need for bandwidth, hardware maintenance and support.
Give the businesses aligned tax credits for cut rate prices and investment in education. Streamline the process.

Hank Hartman
Mentor Exempted Village S/D
Ohio 44060

To level the educational playing field. To let taxpayers know that the government is still concerned with education and is willing to take some of the burden off of the local taxpayers.
A per student fee that is equal for everyone that way lucrative districts will not have to burden their taxpayers with another levy because funding is still being cut. If schools are expected to meet legislatures laws of online testing the government should help fund that demand in some way.

Peggy La Fleur
Michigan Department of Education
Michigan 48909

We need to upgrade E-rate to promote educational efforts nationwide. We need to live in a nation of educated citizens at all levels and we need to consider necessary technological enhancements to aid in educational achievement. We need to promote lifelong learning for all citizens.

Carmaine Ternes
USD #253
Emporia High School
Kansas 66801

Since Kansas communities have extreme ranges of wealth and poverty, we not only need more internet access, we need more high speed internet access. Today's students are creating digital projects that are beyond the typical paper and pencil paper.
Students, families, and educators could communicate more frequently and more often with improved internet speed. With a project based curriculum, the playing field for all students will more equitable for all learners.
Rural arts of Kansas do not even have internet access, while some areas have slow speed. Larger cities have move internet options; however, the speed is often reduced. Please improve access for all readers!

Doug Vander Linden
Burlington USD #244
Kansas 66839

Access more relevant, real-world applications and resources for teaching the College and Career Readiness Standards.

Helen McMahon
Texas 78108

The shift in our economy to knowledge-based work requires a workforce that has developed the skills and digital fluency that come with immersion in the technical world. The rapidly expanding use of technology in the workplace and home isn't going to turn back and students need access to current technology and applications to develop skills for the 21st and 22nd century workplaces.

Jeff Smith
Cabell County Schools
West Virginia 25705

Learning through technology is an essential part of our curriculum.
We are moving away from the use of textbooks and toward more online research by the students. More broadband is essential to making this happen in a smooth and seamless manner in all of our schools.

Keith Osburn
Jeff Davis County Schools
Georgia 31539

Blended learning, that is learning that involves the student working at home and and at school is dependent upon a modern, efficient school network infrastructure having both private-facing and a public-facing "views." For school system to construct networks with the robustness necessary to maintain adequate class-to-home flow requires extensive resources and personnel to maintain these resources. ERate funding is a critical funding component to help schools defer the ongoing, committed costs associated with maintaining a state-of-the-art network infrastructure.
Higher speed internet access will inherently boost intra- and inter-state sharing of ideas among teachers. Easing the flow of communication will promote the sharing of ideas upon schools and their teachers. Mandate the process for an FY must be completed within that fiscal year. Working with the SLD to acquire funding from a 3 year old project is very difficult. Streamlining the process will improve the effectiveness of the SLD.

Shannon Bruns
Tarkio r-1
Tarkio elementary
Missouri 64491

Technology is critical in today's world.

Franklin Hoffman
Indiana 46809

More schools will be using the teaching model where students view a lecture outside of class and then do teacher and peer monitored exercises in class.

cristine ceely
mcps
variable
Maryland 20877
enhance communication
yes!!!

David Greenberg
Collaborative for Educational Services
Massachusetts 1340

If we are teaching 21st century technology skills in the classroom but our students can't practice with them at home because of low bandwidth Internet, then we are not going to be competitive in today's world economy.

Chiedza Rodriguez
Hartford, CT
Connecticut 6105

Interaction e-learning addresses the needs of the new generations learning styles. Many teachers that put the time in to design amazing lessons, find themselves thwarted by the lack of connectivity and or its unreliable nature. This really deprives out youth from developing the skills necessary for the 21st century jobs.

Adele Swart
Connecticut 6235

If we want to compete with any other countries, our students need access to technology. What's more important than our kids?

Jenny Cline
Pennsylvania 17020

"Broadband connectivity in schools and libraries is critical to achieving the higher college- and career-ready goals set for students across the United States. Whether in an urban or rural setting, all students should be afforded access to robust digital learning through streamed video, online courseware, virtual field trips, consistent data usage, as well as safe and reliable connections to appropriate internet research. Without a basic broadband infrastructure, the potential of digital learning will go unrealized."

Brett Gibbs
Audubon Community School
Iowa 50025

E-Rate has helped to level the educational playing field between the rural and urban schools as it give our rural students access to classes and educational experiences they would miss out on otherwise

Tracy Pinkard
MNPS
Una Elementary
Tennessee 37217

The world is based on technology. In order for students to become successful, contributing, productive members of society, they must have access to and training with using technology.
Allow students to access online learning resources; assessments and lesson planning resources

Barbara Smith
AVID Center
Georgia 30088

Advance opportunities to ensure access to quality and global learning for all students.

We can't afford not to do this.
Integrate international learning strategies through an e-learning network to provide proven high performance learning practices through a real-time process.

Connect teachers and students to other teacher, students and corporations

Dick Davies
Wisconsin 53818

Contrary to popular belief, people do live outside of large cities. Private enterprise isn't meeting demand.

Frances Guzman
Texas 78228

It is about equity and access!

Jimmy Cox
Waskom ISD
Waskom
Texas 75692

E-Rate helps our school district get necessary infrastructure equipment for internet connection.
Our teachers want to use technology everday but some days it is not possible because of the slow process of getting connection.
Less paperwork and hassle to get the funding.

Sandra Hollaway
Wynne School District
Wynne intermediate
Arkansas 72396

Brain research informs us that children are learning differently now because of the technology they use on a daily basis at home. Educators understand that we need more technology and more digital access to curriculum and professional development.
If we had better high speed internet we could take virtual field trip and collaborate with classroom across the world. What a blessing to our rural areas to bring world class collaboration to our area.
Schools need to be able to use the money that will impact each school district depending on their needs.